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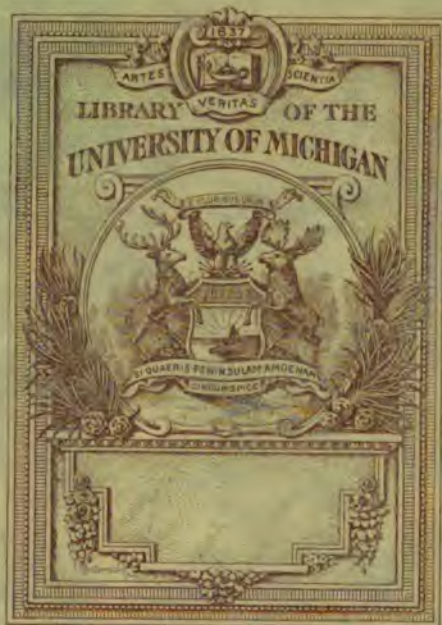
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THE GIFT OF
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FIFTY-EIGHTH ANNUAL REPORT
OF THE
CINCINNATI
CHAMBER OF COMMERCE
AND
MERCHANTS' EXCHANGE,
FOR THE
YEAR ENDING DECEMBER 31, 1906



CINCINNATI:
THE OHIO VALLEY COMPANY, PRINTERS
Nos. 317 to 323 Race Street,
1907.

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1907.

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<i>Oils, Cottonseed</i>	WALTER H. FIELD.
<i>Oils, Linseed</i>	CHARLES E. GINN.
<i>Peanuts</i>	JAMES J. HEEKIN, W. W. BLAIR.
<i>Petroleum</i>	WALTER F. GUTHRIE, C. P. WAGNER.
<i>Potatoes</i>	HENRY WOLTER, I. JAMES CANNON, GUSTAV E. FUNCK.
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<i>Salt</i>	JOHN DUNHOLTER.
<i>Seeds</i>	J. CHAS. McCULLOUGH, ARTHUR O. EVANS, ALBERT McCULLOUGH.
<i>Sorghum</i>	JOHN A. KREIS, GEO. H. VONDERAHE, Jr., ARTHUR O. EVANS.
<i>Tallow and Grease</i>	JOHN J. BURCHENAL, W. H. WASHINGTON, JOSEPH RYAN.
<i>Tobacco</i>	W. H. LEWIS.
<i>Whisky</i>	GEORGE F. DIETERLE, JAMES T. McHUGH, WILLIAM C. SANDERS, OLIVER L. PERIN, MORRIS F. WESTHEIMER.

DELEGATES TO THE NATIONAL BOARD OF TRADE.

1907.

L. L. SADLER,
MICHAEL RYAN,
W. V. EBERSOLE,

CHARLES B. MURRAY,
CHAS. W. SCHMIDT,

1906.

JAMES T. MCHUGH,
ROBERT W. WISE,
CHARLES B. MURRAY.

J. F. ELLISON,
H. LEE EARLY.

* INSPECTORS—1907.

Grain and Hay Inspection Bureau:

HOMER CHISMAN.....CHIEF INSPECTOR.
EDWARD F. DENNIS.....ASSISTANT INSPECTOR.

Flour Inspection Bureau:

GEORGE F. MUNSON.....INSPECTOR.

Chamber of Commerce Weighing Bureau

WILLIAM MCCALLISTER.....CHIEF WEAHER.

Inspector of Provisions:

JOHN C. MORRISON.....

* COAL GAUGER.—1907.

HARRY RIGDON.

PORK PACKERS' AND PROVISION DEALERS' ASSOCIATION

OF CINCINNATI.

OFFICERS FOR 1907.

President:

JOSEPH L. ROTH.

Vice-Presidents:

WILLIAM H. DAVIS,

JOHN V. MAESCHER,

H. H. MEYER.

Treasurer:

HARRY E. MEYER.

Secretary:

CHARLES B. MURRAY.

* By action of the Board of Directors, October 13, 1896, Inspectors, Public Weighers, Measurers and Gaugers, by appointment of the Chamber of Commerce, are not allowed to inspect, weigh, measure or gauge any commodity in which they are directly or indirectly interested.

OFFICERS OF THE CHAMBER OF COMMERCE

FROM ITS ORGANIZATION.

Officers from October, 1839, to January, 1840.

President—Griffin Taylor.
Vice-Presidents—R. G. Mitchell, Peter Neff, S. B. Findley, John Reeves, Thos. J. Adams, Jacob Strader.
Treasurer—B. W. Hewson.
Secretary—Henry Rockey.

Officers for 1840.

President—Griffin Taylor.
Vice-Presidents—R. G. Mitchell, John Reeves, Peter Neff, Thomas J. Adams, S. B. Findley, Samuel Trevor.
Treasurer—B. W. Hewson.
Secretary—Henry Rockey.

Officers for 1841.

President—Lewis Whiteman.
Vice-Presidents—Thomas J. Adams, S. B. Findley, Peter Neff, Samuel Trevor, R. G. Mitchell, S. O. Butler.
Treasurer—B. W. Hewson.
Secretary—Henry Rockey.

Officers for 1842.

President—Roland G. Mitchell.
Vice-Presidents—S. O. Butler, James Pullan, L. Worthington, Thomas J. Adams, Samuel Trevor, John Reeves.
Treasurer—B. W. Hewson.
Secretary—Henry Rockey.

Officers for 1843.

President—Thomas J. Adams.
Vice-Presidents—A. M. Taylor, R. W. Lee, Samuel Fosdick, James Pullan, R. B. Bowler, Nathan Sampson.
Treasurer—S. C. Parkhurst.
Secretary—Henry Rockey.

Officers for 1844.

President—Thomas J. Adams.
Vice-Presidents—M. R. Taylor, R. W. Lee, Calvin Fletcher, W. B. Alford, Jas. C. Hall, Nathan Sampson.
Treasurer—S. C. Parkhurst.
Secretary—Henry Rockey.

Officers for 1845.

President—James C. Hall.
Vice-Presidents—Benjamin Urner, Geo. H. Bates, George H. Hartwell, J. P. Tweed, R. W. Lee, Lewis Einstein.
Treasurer—William Manser.
Secretary—Henry Rockey.

Officers for 1846-47.

President—James C. Hall.
Vice-Presidents—R. W. Lee, Benjamin Urner, N. W. Thomas, Charles Hartshorne, L. Worthington, L. B. Harrison.
Treasurer—George Milne.
Secretary—William D. Gallagher.
Superintendent—A. Peabody.

Officers for 1847-48.

President—James C. Hall.
Vice-Presidents—N. W. Thomas, Charles Hartshorne, Benjamin Urner, Lewis Whiteman, Joseph Torrence, S. C. Parkhurst.
Treasurer—George Milne.
Secretary—Channing Richards.
Superintendent—A. Peabody.

Officers for 1848-49.

President—N. W. Thomas.
Vice-Presidents—Joseph Torrence, Henry Emerson, R. M. W. Taylor, Robert Brown, Charles Hartshorne, D. M. Foster.
Treasurer—George Milne.
Secretary—Channing Richards.
Superintendent—A. Peabody.

Officers for 1849-50.

President—N. W. Thomas.
Vice-Presidents—D. M. Foster, Henry Emerson, W. B. Cassilly, Joseph Torrence, S. P. Hall, George Keck.
Treasurer—George Milne.
Secretary—Richard Smith.
Superintendent—Richard Smith.

Officers for 1850-51.

President—N. W. Thomas.
Vice-Presidents—Henry Emerson, William Hooper, Briggs Swift, W. B. Cassilly, M. B. Roes, Jos. Torrence.
Treasurer—George Milne.
Secretary—Richard Smith.
Superintendent—Richard Smith.

Officers for 1851-52.

President—N. W. Thomas.
Vice-Presidents—Henry Emerson, W. W. Scarborough, John Swasey, George Keck, William Hooper, C. W. West.
Treasurer—George Milne.
Secretary—Richard Smith.
Superintendent—Richard Smith.

Officers for 1852-53.

President—N. W. Thomas.
Vice-Presidents—George Keck, R. W. Keys, S. P. Hibberd, Edmund Dexter, C. W. West, Henry Emerson.
Treasurer—George Milne.
Secretary—Richard Smith.
Superintendent—Richard Smith.

Officers for 1853-54.

President—N. W. Thomas.
Vice-Presidents—Edmund Dexter, L. B. Harrison, C. W. West, S. Davis, Jr., Robert Andrews, S. P. Hibberd.
Treasurer—George Milne.
Secretary—Richard Smith.
Superintendent—Richard Smith.

Officers for 1854-55.

President—R. M. W. Taylor.
Vice-Presidents—George Shillito, Briggs Swift, R. W. Keys, Charles Davis, Robert Hosea, A. D. E. Tweed.
Treasurer—George Milne.
Secretary—Richard Smith.
Superintendent—William Smith.

Officers for 1855-56.

President—James F. Torrence.
Vice-Presidents—Charles Davis, James McKeehan, John Swasey, Robert Hosea, A. D. E. Tweed, Lowell Fletcher.
Treasurer—Robert Brown.
Secretary—Richard Smith.
Superintendent—William Smith.

Officers for 1856-57.

President—Joseph Torrence.
Vice-Presidents—P. Andrew, J. D. Lehmer, A. D. E. Tweed, S. Davis, Jr., Isaac A. Ogborn, William Glenn.
Treasurer—Robert Brown.
Secretary—Richard Smith.
Superintendent—William Smith.

Officers for 1857-58.

President—Joseph Torrence.
Vice-Presidents—William Glenn, Seth Evans, George F. Davis, P. Andrew, James A. Fraser, Isaac A. Ogborn.
Treasurer—Robert Brown.
Secretary—Richard Smith.
Superintendent—William Smith.

Officers for 1858-59.

President—Joseph Torrence.
Vice-Presidents—George F. Davis, Seth Evans, P. Andrew, Isaac A. Ogborn, W. C. Neff, William Shaffer.
Treasurer—Robert Brown.
Secretary—Richard Smith.
Superintendent—William Smith.

Officers for 1859-60.

President—Joseph Torrence.
Vice-Presidents—John A. Dugan, Benjamin Eggleston, Morris Orum, Isaac A. Ogborn, Thomas H. Foulds, Sam. J. Hale.
Treasurer—Robert Brown.
Secretary—Richard Smith.
Superintendent—William Smith.

Officers for 1860-61.

President—J. W. Sibley.
Vice-Presidents—John Dubois, R. A. Jones, Thos. Ong, Morris Orum, John A. Dugan, Sam. J. Hale.
Treasurer—Robert Brown.
Secretary—John A. Gano.
Superintendent—William Smith.

Officers for 1861-62.

President—Joseph C. Butler.
Vice-Presidents—B. P. Baker, Isaac A. Ogborn, N. Goldsmith, J. D. Minor, Lewis Fagin, S. W. Smith.
Treasurer—George Keck.
Secretary—John A. Gano.
Superintendent—William Smith.

Officers for 1862-63.

President—George F. Davis.
Vice-Presidents—William Henry Davis, N. Goldsmith, Isaac A. Ogborn, A. E. Armstrong, Thomas H. Foulds, James M. Glenn.
Treasurer—George Keck.
Secretary—John A. Gano.
Superintendent—William Smith.

Officers for 1863-64.

President—George F. Davis.
Vice-Presidents—Isaac A. Ogborn, E. P. Coe, N. Goldsmith, Thomas H. Foulds, W. D. Chipman, James M. Glenn.
Treasurer—George Keck.
Secretary—John A. Gano.
Superintendent—William Smith.

Officers for 1864-65.

President—George F. Davis.
Vice-Presidents—Isaac A. Ogborn, S. W. Smith, Thos. H. Foulds, Seth Evans, S. C. Newton, Wm. H. Woods.
Treasurer—George Keck.
Secretary—John A. Gano.
Superintendent—William Smith.

Officers for 1865-66.

President—Theodore Cook.
Vice-Presidents—S. C. Newton, William H. Gilpin, C. Taylor Jones, Andrew Erkenbrecher, Sam. J. Hale, Thomas H. Foulds.
Treasurer—William Shaffer.
Secretary—John A. Gano.
Superintendent—William Smith.

Officers for 1866-67.

President—S. C. Newton.
Vice-Presidents—E. W. Cunningham, M. W. Stone, Oliver Perin, Wm. H. Davis, Wm. H. Gilpin, S. J. Hale.
Treasurer—William Shaffer.
Secretary—John A. Gano.
Superintendent—William Smith.

Officers for 1867-68.

President—John A. Gano.
Vice-Presidents—Oliver Perin, M. W. Stone, John D. Minor, H. Morris Johnston, William Henry Davis, Florence Marmet.
Treasurer—William Shaffer.
Secretary—George McLaughlin.
Superintendent—William Smith.

Officers for 1868-69.

President—John A. Gano.
Vice-Presidents—William Henry Davis, H. Morris Johnston, Florence Marmet, J. H. French, S. F. Covington, Abner L. Frazer.
Treasurer—William Shaffer.
Secretary—George McLaughlin.
Superintendent—William Smith.

Officers for 1869-70.

President—John A. Gano.
Vice-Presidents—S. F. Covington, Abner L. Frazer, W. J. Lippincott, B. W. Wasson, H. Wilson Brown, William Henry Davis.
Treasurer—Jason Evans.
Secretary—J. M. W. Neff.
Superintendent—William Smith.

Officers for 1870-71.

President—Charles W. Rowland.
Vice-Presidents—John Morrison, H. Wilson Brown,
 S. F. Covington, L. T. Barr, B. W. Wasson, John
 S. Sloan.
Treasurer—Jason Evans.
Secretary—D. L. Garrison.
Superintendent—William Smith.

Officers for 1871-72.

President—Charles W. Rowland.
Vice-Presidents—James M. Glenn, John Kyle, John
 Morrison, L. J. Workum, J. R. Reed, Howard Eckert.
Treasurer—William Shaffer.
Secretary—N. S. Jones.
Superintendent—Sidney D. Maxwell.

Officers for 1872-73.

President—S. F. Covington.
Vice-Presidents—M. W. Stone, J. C. Crane, Seth
 Evans, W. D. Chipman, J. M. Wallingford, Samuel
 V. Reid.
Treasurer—William Shaffer.
Secretary—William T. Tibbitts.
Superintendent—Sidney D. Maxwell.

Officers for 1873-74.

President—S. F. Covington.
Vice-Presidents—C. M. Holloway, George F. Ire-
 land, Samuel V. Reid, Alfred C. Thomas, George
 B. Weldler, John H. Porter.
Treasurer—William Shaffer.
Secretary—William T. Tibbitts.
Superintendent—Sidney D. Maxwell.

Officers for 1874-75.

President—C. M. Holloway.
Vice-Presidents—Edmund Dexter, George B. Weld-
 ler, James S. Wise, Alfred C. Thomas, Peter A.
 White, L. C. Weir.
Treasurer—Warren Rawson.
Secretary—Charles B. Murray.
Superintendent—Sidney D. Maxwell.

Officers for 1875-76.

President—C. M. Holloway.
Vice-Presidents—Edmund Dexter, William Harvey,
 Thomas G. Smith, George F. Ireland, Peter A.
 White, Henry J. Page.
Treasurer—Briggs Swift.
Secretary—Brent Arnold.
Superintendent—Sidney D. Maxwell.

Officers for 1876-77.

President—Benjamin Eggleston.
Vice-Presidents—William J. Armel, James Gordon,
 Joseph R. Megrue, John W. Hartwell, Henry J. Page,
 William H. Gilpin.
Treasurer—Briggs Swift.
Secretary—Brent Arnold.
Superintendent—Sidney D. Maxwell.

Officers for 1877-78.

President—John W. Hartwell.
Vice-Presidents—George I. King, Frederick A. Laid-
 ley, Joseph R. Megrue, Thomas Morrison, James D.
 Parker, Lewis L. Sadler.

Officers for 1877-78—Cont'd.

Treasurer—Florence Marmet.
Secretary—Enoch Taylor.
Superintendent—Sidney D. Maxwell.

Officers for 1878-79.

President—William N. Hobart.
Vice-Presidents—Briggs S. Cunningham, James S.
 Wise, William Means, Thomas Morrison, Charles N.
 Fox, John W. Christy.
Treasurer—Florence Marmet.
Secretary—John H. Long.
Superintendent—Sidney D. Maxwell.

Officers for 1879-80.

President—H. Wilson Brown.
Vice-Presidents—Briggs S. Cunningham, Herman
 Goepper, William H. Gilpin, Mathew Ryan, Wm.
 A. Procter, William W. Taylor.
Treasurer—James Espy.
Secretary—John H. Long.
Superintendent—Sidney D. Maxwell.

Officers for 1880-81.

President—Henry C. Urner.
Vice-Presidents—John H. Long, Herman Goepper,
 William Harvey, Paul F. Mohr, Samuel McKeegan
 William W. Taylor.
Treasurer—John Kyle.
Secretary—James H. Foote.
Superintendent—Sidney D. Maxwell.

Officers for 1881-82.

President—Henry C. Urner.
Vice-Presidents—William Harvey, Samuel Mc-
 Keehan, Lewis O. Maddux, Daniel Stone, Thomas
 L. Macdonald, Morgan H. Fagin.
Treasurer—John Kyle.
Secretary—John H. Long.
Superintendent—Sidney D. Maxwell.

Officers for 1882-83.

President—James D. Parker.
Vice-Presidents—W. W. Peabody, Michael Ryan,
 Frank Kinsey, Richard H. Cost, Nicholas Curtis,
 J. N. Wooliscroft.
Treasurer—John A. Townley.
Secretary—Charles B. Murray.
Superintendent—Sidney D. Maxwell.

Officers for 1883-84.

President—W. W. Peabody.
First Vice-President—Lewis L. Sadler.
Second Vice-President—Adolph Wood.
Directors—For One Year—Frank Kinsey, Richard H.
 Cost, Chas. Fleischmann, B. Frank Davis, F. X. Reno.
 For Two Years—Stephen F. Dana, Sam'l Bailey, Jr.,
 Henry J. Page, William V. Ebersole, Chas. H. Jacob.
Treasurer—John A. Townley.
Secretary—Charles B. Murray.
Superintendent—Sidney D. Maxwell.
Board of Real Estate Managers—W. W. Peabody,
 President: Henry C. Urner (four years), John Car-
 lisle (three years), A. Hickenlooper (two years),
 Seth C. Foster (one year).

Officers for 1884-85.*President*—W. W. Peabody.*First Vice-President*—Adolph Wood.*Second Vice-President*—Adam Gray.*Directors*—For One Year—Stephen F. Dana, Samuel Bailey, Jr., Henry J. Page, William V. Ebersole, Charles H. Jacob.

For Two Years—C. C. Waite, Lewis W. Shaffer, Grove J. Penney, Henry DeBus, Henry M. Warren.

Treasurer—Herman Goepper.*Secretary*—Charles B. Murray.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—W. W. Peabody, President; John Kyle (four years), Henry C. Urner (three years), John Carlisle (two years), A. Hickenlooper (one year).**Officers for 1885-86.***President*—Edwin Stevens.*First Vice-President*—Adam Gray.*Second Vice-President*—Levi C. Goodale.*Directors*—For One Year—C. C. Waite, Lewis W. Shaffer, Grove J. Penney, Henry DeBus, Henry M. Warren.

For Two Years—L. H. Brooks, John A. Kreis, Wm. E. Hutton, Ralph Peters, Sol. P. Kineon.

Treasurer—Chas. H. Flach.*Secretary*—Charles B. Murray.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—Edwin Stevens, President; James M. Glenn (four years), John Kyle (three years), Henry C. Urner (two years), John Carlisle (one year).**Officers for 1886-87.***President*—A. Hickenlooper.*First Vice-President*—Levi C. Goodale.*Second Vice-President*—C. C. Waite.*Directors*—For One Year—L. H. Brooks, John A. Kreis, William E. Hutton, Ralph Peters, Sol. P. Kineon.

For Two Years—John M. Kirtley, Augustus H. Honsell, William L. Hunt, Frank Evans, Joseph Rawson, Jr.

Treasurer—Richard Ryan.*Secretary*—Ambrose White.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—A. Hickenlooper, President; John Carlisle (four years), James M. Glenn (three years), John Kyle (two years), Henry C. Urner (one year).**Officers for 1887-88.***President*—Levi C. Goodale.*First Vice-President*—C. C. Waite.*Second Vice-President*—Lowe Emerson.*Directors*—For One Year—John M. Kirtley, Augustus H. Honsell, William L. Hunt, Frank Evans, Joseph Rawson, Jr.

For Two Years—Joseph R. Brown, G. V. Stevenson, Sam. W. Weidler, Paris C. Brown, Charles R. Brent.

Treasurer—Albert Erkenbrecher.*Secretary*—William E. Hutton.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—Levi C. Goodale, President; Henry C. Urner (four years), John Carlisle (three years), James M. Glenn (two years), John Kyle (one year).**Officers for 1888-89.***President*—Thomas Morrison.*First Vice-President*—Lowe Emerson.*Second Vice-President*—Richard Dymond.*Directors*—For One Year—Joseph R. Brown, G. V. Stevenson, Sam. W. Weidler, Paris C. Brown, Charles R. Brent.

For Two Years—J. Walter Freiberg, A. H. McLeod, William McCallister, John F. Hazen, John N. Wooliscroft.

Treasurer—William L. Hunt.*Secretary*—Paul M. Millikin.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—Thomas Morrison, President; John Kyle (four years), Henry C. Urner (three years), John Carlisle (two years), James M. Glenn (one year).**Officers for 1889-90.***President*—Lee H. Brooks.*First Vice-President*—Richard Dymond.*Second Vice-President*—Joseph R. Brown.*Directors*—For One Year—J. Walter Freiberg, A. H. McLeod, William McCallister, John F. Hazen, John N. Wooliscroft.

For Two Years—Samuel J. Hale, George F. Munson, William Montgomery, Robert Laidlaw, Edward Senior.

Treasurer—Gazzam Gano.*Secretary*—H. B. Morehead.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—Lee H. Brooks, President; Samuel Bailey, Jr. (four years), C. M. Holloway (three years), Henry C. Urner (two years), John Carlisle (one year).**Officers for 1890-91.***President*—Lowe Emerson.*First Vice-President*—Joseph R. Brown.*Second Vice-President*—Ralph Peters.*Directors*—For One Year—Samuel J. Hale, George F. Munson, William Montgomery, Robert Laidlaw, Edward Senior.

For Two Years—Frank A. Rothier, Benj. F. Haughton, John M. Kennedy, Harry L. Laws, Dawson Blackmore.

Treasurer—Samuel W. Ramp.*Secretary*—N. R. Adriance.*Superintendent*—Sidney D. Maxwell.*Board of Real Estate Managers*—Lowe Emerson, President; John Grubb (four years), Samuel Bailey, Jr. (three years), C. M. Holloway (two years), Henry C. Urner (one year).**Officers for 1891-92.***President*—Joseph R. Brown.*First Vice-President*—Ralph Peters.*Second Vice-President*—Michael Ryan.*Directors*—For One Year—Frank A. Rothier, Benj. F. Haughton, John M. Kennedy, Harry L. Laws, Dawson Blackmore.

For Two Years—Thomas W. Allen, J. Milton Blair, Robert W. Wise, Frank A. Brown, B. W. Wasson.

Treasurer—George H. Bohrer.*Secretary*—James T. McHugh.*Superintendent*—Charles B. Murray.

* Died March 20, 1889. C. M. Holloway elected to fill vacancy April 23, 1889.

Officers for 1892-93.*President*—Brent Arnold.*First Vice-President*—Michael Ryan.*Second Vice-President*—William E. Hutton.*Directors*—For One Year—Thomas W. Allen, J. Milton Blair, Robert W. Wise, Frank A. Brown, B. W. Wasson.

For Two Years—Casper H. Rowe, Albert Lackman, Peter Van Leunen, James B. Wallace, Albert B. Voorheis.

Treasurer—Clifford B. Wright.*Secretary*—Maurice J. Freilberg.*Superintendent*—Charles B. Murray.**Officers for 1893-94.***President*—Michael Ryan.*First Vice-President*—William E. Hutton.*Second Vice-President*—Maurice J. Freilberg.*Directors*—For One Year—Casper H. Rowe, Albert Lackman, Peter Van Leunen, James B. Wallace, Albert B. Voorheis.

For Two Years—Paris C. Brown, Adam Smyrl, S. W. Bard, W. W. Granger, Jr., Rufus Burckhardt.

Treasurer—George Guckenberger.*Secretary*—A. H. Pape.*Superintendent*—Charles B. Murray.**Officers for 1894-95.***President*—James M. Glenn.*First Vice-President*—Maurice J. Freilberg.*Second Vice-President*—Wm. McCallister.*Directors*—For One Year—Paris C. Brown, Adam Smyrl, S. W. Bard, W. W. Granger, Jr., R. Burckhardt.

For Two Years—J. Parker Gale, Talton Embry, Nicholas J. Hoban, F. M. Huschart, T. P. Wiggins.

Treasurer—Albert Lackman.*Secretary*—C. Lee Williams.*Superintendent*—Charles B. Murray.**Officers for 1895-96.***President*—Maurice J. Freilberg.*First Vice-President*—Wm. McCallister.*Second Vice-President*—B. W. Wasson.*Directors*—For One Year—J. Parker Gale, Talton Embry, Nicholas J. Hoban, F. M. Huschart, T. P. Wiggins.

For Two Years—H. Lee Early, Frank W. Foulds, John H. Allen, George F. Dieterle, John S. Shillito.

Treasurer—Casper H. Rowe.*Secretary*—Fred. Guckenberger.*Superintendent*—Charles B. Murray.**Officers for 1896-97.***President*—J. Milton Blair.*First Vice-President*—B. W. Wasson.*Second Vice-President*—Wm. L. Hunt.*Directors*—For One Year—H. Lee Early, Frank W. Foulds, John H. Allen, George F. Dieterle, John S. Shillito.**Officers for 1896-97—Cont'd.**

For Two Years—Robert H. West, Edwin C. Gibbs, Oscar F. Barrett, Clarence H. Jones, J. W. Dunn.

Treasurer—P. M. Millikin.*Secretary*—James B. Wallace.*Superintendent*—Charles B. Murray.**Officers for 1897-98.***President*—William McCallister.*First Vice-President*—Oliver L. Perin.*Second Vice-President*—William B. Mellish.*Directors*—For One Year—Robert H. West, Edwin C. Gibbs, Oscar F. Barrett, Clarence H. Jones, J. W. Dunn.

For Two Years—William F. Robertson, Wm. A. Goodman, Jr., H. P. Wiborg, John M. Macdonald, William R. McQuillan.

Treasurer—Charles A. Hinsch.*Secretary*—Charles L. Garner.*Superintendent*—Charles B. Murray.**Officers for 1898-99.***President*—Robert H. West.*First Vice-President*—†John H. Allen.*Second Vice-President*—James T. McHugh.*Directors*—For One Year—William F. Robertson, William A. Goodman, Jr., H. P. Wiborg, John M. Macdonald, William R. McQuillan.

For Two Years—Charles E. Fish, Jr., M. E. Lynn, Charles E. Knaul, Hugo Gruner, J. F. Ellison.

Treasurer—L. B. Daniel.*Secretary*—George Metzger.*Superintendent*—Charles B. Murray.**Officers for 1899-1900.***President*—John H. Allen.*First Vice-President*—James T. McHugh.*Second Vice-President*—George F. Dieterle.*Directors*—For One Year—Charles E. Fish, Jr., M. E. Lynn, Charles E. Knaul, Hugo Gruner, J. F. Ellison.

For Two Years—George Zehler, Austin M. Smith, A. H. McLeod, H. G. Foulds, N. H. Biggs.

Treasurer—James W. Ellis.*Secretary*—Lee Clary.*Superintendent*—Charles B. Murray.**§ Officers for 1900-01.***President*—James T. McHugh.*First Vice-President*—George F. Dieterle.*Second Vice-President*—J. F. Ellison.*Directors*—For One Year—George Zehler, †C. A. Hinsch, A. H. McLeod, H. G. Foulds, N. H. Biggs.

For Two Years—A. Zeckendorf, Albert McCullough, George A. Root, E. S. Grant, George Peck.

Treasurer—Charles E. Roth.*Secretary*—Frank C. Grote.*Superintendent*—Charles B. Murray.

* Elected November 9, 1897, to fill vacancy.

† Elected January 24, 1899, to fill vacancy.

‡ Elected October 23, 1900, to fill vacancy.

§ Under amendments of the By-laws adopted on July 2, 1901, changing the annual election date from September to January, the Officers for 1900-01 continued until January, 1902.

Officers for 1902.

President—W. W. Granger.
First Vice-President—J. F. Ellison.
Second Vice-President—Samuel Bailey, Jr.
Directors—For One Year—A. Zeckendorf, Albert McCullough, George A. Root, E. S. Grant, George Peck.
For Two Years—Albert C. Gale, George M. Halm, Morris F. Westheimer, D. J. Mullaney, Wm. C. Rogers.
Treasurer—John H. Goyert.
Secretary—James T. Earle.
Superintendent—Charles B. Murray.

Officers for 1903.

President—J. F. Ellison.
First Vice-President—Samuel Bailey, Jr.
Second Vice-President—J. B. Wallace.
Directors—For One Year—Albert C. Gale, George M. Halm, Morris F. Westheimer, Daniel J. Mullaney, William C. Rogers.
For Two Years—L. V. Finkle, J. George Jung, Will L. Finch, J. V. Maescher, Simon Greenebaum.
Treasurer—August Ferger.
Secretary—Frank P. Thomas.
Superintendent—Charles B. Murray.

Officers for 1904.

President—Samuel Bailey, Jr.
First Vice-President—J. B. Wallace.
Second Vice-President—B. W. Campbell.
Directors—For One Year—L. V. Finkle, J. George Jung, Will L. Finch, J. V. Maescher, Simon Greenebaum.
For Two Years—Walter A. Draper, George Koehler, A. G. Norman, Robert P. Gillham, Frank F. Collins.
Treasurer—W. W. Alexander.
Secretary—Joseph D. Morten.
Superintendent—Charles B. Murray.

Officers for 1905.

President—H. Lee Early.
First Vice-President—L. L. Sadler.
Second Vice-President—Robert W. Wise.
Directors—For One Year—Walter A. Draper, George Koehler, A. G. Norman, Robert P. Gillham, Frank F. Collins.
For Two Years—B. W. Gale, Edward R. Buhrman, Harry H. Hill, J. M. Sears, John Hoffmann.
Treasurer—O. G. Fetter.
Secretary—John B. Clancey.
Superintendent—Charles B. Murray.

Officers for 1906.

President—L. L. Sadler.
First Vice-President—R. W. Wise.
Second Vice-President—J. B. Wallace.
Directors—For One Year—B. W. Gale, Edward R. Buhrman, Harry H. Hill, J. M. Sears, John Hoffmann.
For Two Years—E. E. Williamson, Emil M. Mayer, Henry W. Brown, Charles Heldrich, Robert C. Crowthers.
Treasurer—O. G. Fetter.
Secretary—H. B. McCullough.
Superintendent—Charles B. Murray.

Officers for 1907.

President—W. A. Benne.
First Vice-President—J. B. Wallace.
Second Vice-President—Robert P. Gillham.
Directors—For One Year—E. E. Williamson, Emil M. Mayer, Henry W. Brown, Charles Heldrich, Robert C. Crowthers.
For Two Years—James A. Loudon, S. C. Matthews, Harry E. Meyer, Charles Lewis, Henry M. Rubel.
Treasurer—Henry Vogel.
Secretary—August Ferger.
Superintendent—Charles B. Murray.

BY-LAWS.

AS AMENDED APRIL 16, 1907, BY ADDITION OF THE LAST
CLAUSE OF SECTION 2, ARTICLE I.

PREAMBLE.

The members of the Cincinnati Chamber of Commerce and Merchants' Exchange, an Association organized and incorporated to collect information in relation to commercial, financial, and industrial affairs, that may be of general interest and value; to secure uniformity in commercial laws and customs; to facilitate business intercourse; to promote equitable principles, as well as the adjustment of differences and disputes, in trade, adopt the following By-laws:

ARTICLE I.

MEMBERSHIP.

SECTION 1. This Association shall comprise active and honorary members.

SEC. 2. Any person of good character, and of lawful age, on the proposal of one member, seconded by another, and on presentation of a written application stating the nature of his business, and such other information as the Board of Directors may require, after ten days' notice of such application has been conspicuously posted upon the bulletin board of the Exchange, may be admitted to active membership, if elected by the Board of Directors, on presentation of a certificate of unimpaired or unforfeited membership duly transferred to him, and on signing an agreement to abide by the By-laws, Rules and Regulations of the Association, and all amendments that may be made thereto. In the event of an application for membership being rejected by the Board of Directors, a subsequent application for the same party shall not be entertained during a period of six months from the date of the first application of the said party.

Provided, That if the Membership of the Association at any time shall be less than one thousand, the Board of Directors may issue certificates of membership to the extent of a number by which the total membership shall not exceed one thousand, the Board of Directors to require a fee of not less than One Hundred Dollars for such certificates as shall be issued otherwise than incident to surrender of a membership certificate, the said fee to be fixed as to amount at any regular meeting of the Board of Directors.

SEC. 3. The Board of Directors may, by unanimous vote, admit to honorary membership any person who, from eminence, shall seem entitled to such consideration; and such honorary membership shall confer all the rights and privileges of active members during life, unless withdrawn for cause. But not more than one person shall be so admitted in any one year.

Honorary members.

ARTICLE II.

GOVERNMENT.

Government of
the Association;
how vested.

Board of Directors;
terms of office.

Continuance of
Board of Directors,
committees, etc.

Beginning of official
terms.

Members eligible
to hold office,
etc.

SECTION 1. The government of the Cincinnati Chamber of Commerce and Merchants' Exchange is hereby vested in a Board of Directors, consisting of the President, two Vice-Presidents, the Treasurer, the Secretary and ten Directors, who shall be elected by ballot as hereinafter provided. The term of office of the President, Treasurer, and Secretary shall be for one year, or until their successors are elected and qualified. The term of office of the Vice-Presidents and the Directors shall be for two years, or until their successors are elected and qualified. The President, one Vice-President, the Treasurer, the Secretary, and five Directors to be elected each year. *Provided*, that the Board of Directors and all committees and appointees holding office at the time of the adoption of this article, shall continue in their respective offices and duties until their successors are duly elected and qualified.

SEC. 2. The official terms of all members of the Board of Directors shall begin on the Monday succeeding their election.

SEC. 3. No member shall be eligible to election as a member of the Board of Directors who has not been a member of the Association for at least one year preceding his election. Nor shall any person be eligible to election to any office, or to appointment upon any committee, who is not directly and actively engaged in mercantile, manufacturing, transportation, banking, insurance or kindred pursuits.

ARTICLE III.

ELECTIONS.

Annual election.

Polls, when open.

Voting: who can
vote, and how.

Tellers.

SECTION 1. The annual election to supply the places of the officers and directors whose terms of office are about to expire, shall be held on the first Wednesday following the second Tuesday in January of each year. The polls shall be opened at 12 o'clock M., and closed at 3 o'clock P. M. All members in good and regular standing shall be entitled to vote. All voting shall be by ballot, and proxies shall not be allowed. A plurality of votes cast shall constitute a choice.

SEC. 2. The President shall, prior to any election of the Association, appoint from the members five tellers, who shall have charge of the ballot-boxes and poll lists. It shall be the duty of the tellers to receive the ballots of all members entitled to vote, to make a list of all members voting, to canvass the votes immediately after each election, and to make a return of the result thereof to the President or Secretary. Three of the tellers shall constitute a quorum for

receiving and recording the votes. The Secretary shall preserve all ballots for at least two months after an election, for further examination, if the same shall be ordered by the Board of Directors, to verify the returns made by the tellers.

Ballots, preserved for two months.

SEC. 3. Upon the second Tuesday in December in every year, the Association shall elect, by ballot, a nominating committee of fifteen members, who shall nominate candidates for all of the offices to be filled at the annual election on the first Wednesday following the second Tuesday in January. The nominations so made shall be publicly announced on 'Change, and posted on the bulletin board, at least twelve days before the day of election. No person shall be eligible for any of the offices to be filled whose name shall not have been publicly announced on 'Change, and posted on the bulletin board, at least two days before the day of election.

Nominating committee.

Nominations to be announced and posted.

ARTICLE IV.

DUTIES OF OFFICERS.

SECTION 1. The PRESIDENT shall preside at all meetings of the Association and the Board of Directors, and shall act as the executive officer of the Association. He shall at the annual meetings of the Association, and at such other times as he may deem proper, communicate to the Association such matters as may, in his opinion, tend to promote the prosperity and welfare, and increase the usefulness, of the Association, and shall perform such other duties as are prescribed by these by-laws, or are necessarily incident to his office.

President.

SEC. 2. The VICE-PRESIDENT serving upon the last year of his official term shall be the First Vice-President, and the Vice-President serving upon the first year of his official term shall be the Second Vice-President. In case of the absence or disability of the President, the Vice-Presidents, in the above order, shall perform the duties of the President; and in case of the absence or disability of the President and both Vice-Presidents, the Board of Directors shall appoint one of their number to temporarily perform the duties of the President.

Vice-Presidents

SEC. 3. The TREASURER shall receive all moneys due to the Association, and, under the direction of the Board of Directors, shall deposit, invest, and disburse the same. He shall not pay out any of the funds of the Association, except upon an order signed by the Secretary and countersigned by the President. He shall keep regular accounts of the financial concerns of the Association, and render a statement thereof at each regular meeting of the Board of Directors. He shall also exhibit an abstract of the same at each quarterly

Treasurer.

meeting of the Association, and make a detailed report thereof at each annual meeting.

The Treasurer shall give a bond, with two sufficient sureties, approved by the Board of Directors, in the penal sum of \$50,000, for the faithful performance of the duties imposed on him by virtue of his office.

Secretary.

SEC. 4. The SECRETARY shall conduct the official correspondence of the Association, preserve official communications, keep an accurate record of the transactions of the Association and of the Board of Directors, and perform such other duties as are incident to his office.

ARTICLE V.

DUTIES AND POWERS OF THE BOARD OF DIRECTORS.

Business and financial concerns: how managed.

SECTION 1. The business and financial concerns of the Association shall be managed and conducted by, or under the direction of, the Board of Directors.

Board to enact rules,

SEC. 2. The Board of Directors, in addition to the duties specifically enjoined by these by-laws, shall enact such rules as may be deemed expedient for the government of the Exchange, for the regulation of the various departments of trade, and for the guidance and control of the committees herein provided for; it shall provide suitable Exchange rooms, and other necessary rooms and offices for the use of the Association; shall judge of the qualifications of persons applying for membership; and shall generally do such other proper and needful things as in its judgment will tend to promote the usefulness of the Association, and carry out the purposes of its organization.

Provide Exchange rooms,

And judge of the qualifications of persons applying for membership.

Meetings of Directors.

SEC. 3. The Board of Directors shall hold its regular meetings on the first Tuesday of each month. The President may, and, upon the written request of five members of the Board, shall, call special meetings of the Board. At all meetings of the Board of Directors, eight members present shall constitute a quorum.

Quorum.

When absence from meetings creates vacancy.

SEC. 4. If any member of the Board of Directors shall be absent from more than two consecutive regular meetings of the Board, without having been previously excused, or without sending a communication to the President, giving sufficient reasons for his absence, his seat in the Board may, by vote of the Board, be declared vacant.

Vacancies: how filled.

SEC. 5. In case of any vacancy from death, resignation, or other cause, in the Board of Directors, the Board of Directors shall communicate the same to the Association, and fix a day for an election by the Association to fill such vacancy for the remainder of the official term.

SEC. 6. The Board of Directors shall report at each quarterly meeting of the Association whatever may be deemed of general interest in its proceedings during the preceding quarter, and at the annual meeting shall report full details of the condition and finances of the Association.

Reports of Board
of Directors.

SEC. 7. The Board of Directors may require of all appointees a good and sufficient bond to secure the faithful and honest performance of the duties assigned to such appointees.

Bonds of ap-
pointees.

SEC. 8. The Board of Directors shall have power to examine and try charges of misconduct in business matters, preferred against a member of the Association, when made to the President in writing by a member of the Association; and if the person against whom such charges are made shall be found guilty of a violation of these By-laws or the rules for the regulation of the Exchange, of a breach of contract, of false or fictitious reports of sales or purchases, willfully interfering with the collection of the reports of the movement of commodities, of a failure to comply with any award of the Committees of Arbitration or Appeals, or of any act contrary to the spirit that should govern all commercial transactions, the Board, by a majority vote of the whole Board, may cause him to be publicly reprimanded on 'Change, may suspend him from membership indefinitely or for a definite time (said time not to be less than six months), or may expel him from membership in the Association.

Charges of mis-
conduct.

Penalties.

SEC. 9. It shall be the duty of the Board of Directors, in case any grave offense committed by any member against the good name or dignity of the Association shall come to its knowledge, either by public rumor, report or otherwise, to cause a preliminary or informal investigation to be made by a committee of its number, into the truth or falsity of such rumor or report; and if the said committee, after investigation, shall deem any member guilty of such offense as rumored or reported, they shall so report to the Board of Directors, with charges; whereupon the member thus implicated shall be notified to appear before the Board of Directors in manner as provided by Section 3, Article XII, and, if found guilty, the said member shall be reprimanded, suspended or expelled, as hereinbefore provided.

Public rumors or
reports of grave
offenses by
members.

Investigation by
committee.

Punishment, if
sustained.

SEC. 10. In any investigation or trial before the Board of Directors, or before any other duly constituted committee or other tribunal of the Association, if any member, who shall have had notice from the Secretary or Superintendent, in writing, to appear and testify in the case, or if any member who shall have been cited by the chairman of any duly constituted committee or other tribunal of the Association to appear and testify, shall neglect or refuse to so appear and testify, or, if testifying, shall refuse to answer any question which may, by a majority vote of the said Board of Directors,

Refusal to appear
as a witness.

Or to answer
questions.

committee or other tribunal, be declared proper and pertinent to the case in hearing, he shall be subject to suspension by the said Board, from all privileges of the Association, for such period as said Board may determine; which may be done by said Board in case of contempt of a witness before said Board of Directors, or on the report in writing of any such committee or other tribunal, in case the contempt shall occur before such committee or other tribunal of the Association.

Announcement and notification of suspensions and expulsions. SEC. 11. Upon the suspension or expulsion of a member, notice thereof shall be conveyed to him by the Secretary, and the Superintendent shall announce the same on 'Change.

Suspended or expelled members: how re-admitted. SEC. 12. A suspended member may be reinstated by a majority vote of the whole Board of Directors. An expelled member shall be ineligible to re-election, unless by vote of the Association his disability shall have been removed.

ARTICLE VI.

COMMITTEES OF ARBITRATION AND APPEALS.

Committee of Arbitration: how appointed. SECTION 1. The Board of Directors shall annually, at its regular meeting in the month of February, appoint a Committee of Arbitration, to consist of fifteen members, who shall not be members of the Board of Directors, to hear and decide such mercantile disputes as may be submitted to it, any five of whom shall form a quorum, to hear and determine cases submitted to the committee.

Committee of Appeals: how appointed. SEC. 2. The Board of Directors shall annually, at its regular meeting in the month of February, appoint a Committee of Appeals, to consist of fifteen members, who shall not be members of the Board of Directors, any five of whom shall form a quorum, to hear and determine appeals that may be made from the awards and findings of the Committee of Arbitration.

Oath of members of committees. SEC. 3. Before entering upon the trial of any case, the members of the Committees of Arbitration and Appeals, taking part therein, shall be required to take, or subscribe to, the following oath or affirmation (the oath or affirmation to be administered by a Judge or Justice of the Peace of the County of Hamilton, State of Ohio), or other officer authorized, or to be authorized, to administer oaths in such cases: "I do solemnly swear (or affirm), that I will hear and examine all matters of controversy between (naming the parties to the controversy) in the case now submitted for trial; and that I will make a just and equitable award or finding upon the same, according to the evidence, to the best of my understanding. So help me God."

Superintendent to act as clerk. SEC. 4. The Superintendent, either in person or by deputy, shall act as clerk of the Committees of Arbitration and Appeals.

SEC. 5. All oral evidence in all cases submitted to the Com-

mittee of Arbitration shall be taken and recorded by a competent phonographer, who shall be sworn to faithfully record the same.

Phonographic reports to be made.

SEC. 6. The award or finding of a majority of either of the committees present, and trying the case, shall be valid and binding.

Awards binding

SEC. 7. Any award or finding of the Committee of Arbitration may be appealed from, and the case carried to the Committee of Appeals for revision; *Provided*, that notice of such appeal shall be given to the Superintendent in writing within three business days after such award or finding shall have been delivered to the parties in controversy.

Appeal to Committee of Appeals: how made.

SEC. 8. The Committees of Arbitration and Appeals shall each render their awards or findings in writing, which shall be signed by the members of the committee determining the same, and certified copies thereof shall be furnished by the Superintendent, or his deputy, to the parties in controversy in each case. The official records and decisions of the committees may be inspected by any member of the Association upon application to the Superintendent.

Awards to be in writing.

Records and decisions open to inspection by members.

SEC. 9. Members desiring the services of either of the committees, shall notify the Superintendent to that effect in writing, and before submitting the case, the parties to such submission shall enter into, and exchange, arbitration bonds,* which shall be conditioned for the faithful performance of the award, and set forth the names of the arbitrators, and the matters submitted to their determination; and that the submission shall be made a rule of any court of record within the State of Ohio, or a rule of any particular court of record named in the submission. The arbitration bonds shall specify a time and place for the hearing, allowing the arbitrators the right to adjourn from time to time, until a conclusion is reached; and a time shall be named in the bonds, within which the award shall be made. But neither of the parties shall cause to be entered such submission and award as a rule of a court in any case that may be appealed to the Committee of Appeals, until after the award or finding of said Committee of Appeals is made.

How to obtain the services of the committees.

Arbitration bonds: how conditioned, and how drawn

Submission made a rule of court.

In cases appealed, award not to be entered as a rule of court until after final finding.

SEC. 10. When any award or finding of the Committee of Arbitration shall be appealed from, the official record of the trial, including all the oral and documentary evidence, with the decision of the Committee of Arbitration, and the dissenting opinion (if any) of the minority of the Committee, shall be handed to the Committee of Appeals, and argument heard thereon by the said Committee, but no new witnesses shall be examined, nor any new testimony of any kind be introduced before the Committee of Appeals.

New testimony not allowed in trials before Committee of Appeals.

* NOTE.—In order to comply with the statute, the arbitration bonds must contain the names of all the members of the committee before which the case is to be tried, with the agreement that the case may be tried by the whole committee, or any number (not less than five) of its members.

Powers of Committee of Appeals.

SEC. 11. The Committee of Appeals may confirm, modify, or reverse the awards or findings of the Committee of Arbitration, and its awards or findings shall be final and binding, and shall not be set aside or revised by any other tribunal of the Association.

Fees.

SEC. 12. The fees of each Committee in any case, including phonographic and other costs, shall not be less than ten dollars nor more than one hundred dollars, to be paid as directed by the Committee to the Treasurer, for the use of the Association.

Submission of cases by persons not members.

SEC. 13. Persons not members of the Association, who may have controversies with members, may avail themselves of the services of the Committees of Arbitration and Appeals, on the same terms, conditions and regulations that apply to members; *Provided*, that they furnish a member of the Association as surety on their bond.

Special Arbitration Committees: how appointed.

SEC. 14. The President shall have power to appoint special arbitration committees, to arbitrate cases of controversy between members, when requested so to do; or, with his approval, the parties to

No appeal from award of a Special Committee.

any controversy may agree upon such a committee. From the award or finding of a special arbitration committee there shall be no appeal. The members of a special arbitration committee shall take

Members must be sworn.

the same oath or affirmation prescribed for members of the Standing Committee of Arbitration; and the parties to any controversy, submitted to a special arbitration committee, shall enter into and exchange arbitration bonds in the manner and form prescribed in Section 9, of this article.

Arbitration bonds.

ARTICLE VII.

INSPECTION, ETC.

Appointment of Inspectors, Gaugers, Weighers and other officers.

SECTION 1. The Board of Directors shall, annually, at its regular meeting in the month of February, or thereafter, as occasion may arise, appoint such Inspectors, Gaugers, Weighers, Measurers, and other officers, as it may consider necessary for the purposes of the Association. The term of office of such appointees shall begin on the first of the month next succeeding their appointment, and shall continue until the end of the following February, or until their successors are appointed and assume their duties; but all such appointments shall be revocable at the will of the Board.

Term of appointed officers

Inspector to give bond.

SEC. 2. Each of said Inspectors, Gaugers, Weighers and Measurers shall give bond to the satisfaction of the Board for the faithful performance of his duty; shall charge and receive from parties requiring his services, such fees as may, from time to time, be, by the Board, adjudged reasonable and proper; and may, with the approval of the Board, appoint such deputies as he may deem necessary. The official certificate of such Inspectors, Gaugers, Weighers and

Fees.

Official certificates.

Measurers shall be conclusive between parties interested, except in cases provided for in Section 4 and Section 5 of this article.

SEC. 3. The Board of Directors shall, annually, in the month of February, appoint Standing Committees on Inspection, for each interest subject to inspection, which committees shall consist of five members for each, and shall be appointed to serve for the year, beginning on the first day of March following their appointment, and shall also appoint Committees on Quotations in the leading departments of trade, for the daily official record of prices current; *Provided*, that the Board shall have power to remove at pleasure any member of said committees, and to make new appointments thereto, to supply vacancies caused by removal, resignation or death.

Standing Committees on Inspection, etc.

SEC. 4. The Standing Committees on Inspection shall have general supervision of the transactions of the Inspectors, Gaugers, Weighers and Measurers, each committee in its proper sphere; they shall act as referees in cases of dispute as to inspection, gauging, weighing and measuring, and shall, as occasion may arise, recommend to the Board such rules and regulations as may seem to them to be required in their several departments, and the Standing Committees on Grain Inspection and Public Weighing shall have the further power to hear and determine all controversies arising between members in grain trade and weighing matters that may be voluntarily submitted to them. *Provided*, however, that either party to the controversy may appeal from the decision of the said committees to the Committee of Arbitration within three days after the decision has been made known to the said parties.

Duties of Standing Committees.

SEC. 5. The appropriate Standing Committee shall have cognizance of charges against any Inspector, Gauger, Weigher or Measurer, or other officer appointed by the Board; and when such charges are formally presented in writing, shall carefully examine into the same, and in its discretion may reprimand the delinquent or assess damages against him for the benefit of the complainant, or recommend his removal from office to the Board of Directors; but in all cases the Inspector, Gauger, Weigher or Measurer, or other officer may appeal to the Board, within three days after the decision of the Standing Committee has been communicated to him, and the Board shall examine into the case, and confirm, modify, or amend the award of the committee, as may seem to be just and requisite.

Charges against Inspectors and other officers.

SEC. 6. The Board of Directors shall, from time to time, with the advice and consent of the respective Standing Committees, prepare and establish standards for the classification of the various articles subject to inspection, and make such rules and regulations for the guidance of their Inspectors, Gaugers, Weighers and Measurers, and other officers as may be required; and the said standards, rules and regulations shall be binding upon all parties concerned.

Standards of inspection.

ARTICLE VIII.

SUPERINTENDENT.

Elected annually	The Superintendent shall be elected annually by the Board of Directors, and shall hold his office at the pleasure of the Board.
To have charge of rooms.	He shall have charge of the Exchange and other rooms occupied by the Association, provide them with stationery and other necessary supplies, cause them to be properly heated, lighted, ventilated, cleaned, and kept in good condition, and see that order is preserved therein. He shall have charge of all statistical work of the Association, and shall cause to be collected the statistics of the daily movement of the commodities of trade in Cincinnati, and have the same placed in an intelligible and orderly form on the books of the Association. He shall, at the conclusion of each fiscal year prepare a detailed report of the trade and commerce of the city, in its various leading departments, and shall have charge of, and attend to the publication of the same. He shall, either in person or by deputy, attend the meetings of the Committees of Arbitration and Appeals, and Special Committees of Arbitration, and keep a record of the awards made thereby; he shall see that phonographic reports of the testimony in cases before the Committees of Arbitration are made, and, when requested, shall cite persons to appear to give testimony in such cases. He shall have charge of such property of the Association as may be committed to his care; and shall, with the advice and consent of the Board of Directors, appoint such assistants as may be necessary to aid him in the performance of his duties; and he shall perform such other duties pertaining to his office, as may be prescribed by the Board of Directors.
To collect statistics, and prepare and publish annual report.	
Attend meetings of Committees of Arbitration and Appeals. See that phonographic reports of testimony are made	
Shall appoint assistants.	

ARTICLE IX.

CERTIFICATES OF MEMBERSHIP.

Transfer fee.	SECTION 1. Each active member shall be entitled to receive a certificate of membership, bearing the corporate seal of the Association, and the signatures of the President and Secretary; which certificate, if the membership it represents is not in any way impaired or forfeited, shall be transferable upon the books of the Association to any person eligible to membership who may be elected by the Board of Directors, upon payment of a transfer fee of five dollars, and any unpaid assessments due thereon. The certificate of a deceased member may be transferred in like manner by his legal representatives. <i>Provided</i> , that any member who, at the time of the adoption of this Article, is not possessed of a certificate of membership, shall only be entitled to receive one through the transfer of the certificate of a retiring member.
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SEC. 2. Upon the transfer of his certificate upon the books of the Association, the membership of the person so transferring his certificate shall cease.

SEC. 3. In case of the loss of any certificate, and of a claim that a new certificate be issued in place thereof, the owner shall make an affidavit stating the fact of such loss; he shall cause an advertisement to be published daily, for ten days, in one of the daily newspapers of Cincinnati, describing the lost certificate, and notifying all persons in interest to show cause why a new certificate should not be issued in place of the lost one; and he shall give such bond as the Board of Directors may require, for the purpose of indemnifying the Association from all damage that it may sustain in consequence of the issuing of a new certificate. Upon compliance with these conditions, the Board of Directors shall cause a certificate to be issued to such claimant, if he shall appear to be entitled to the same, in place of the lost certificate.

Loss of certificate

ARTICLE X.

ANNUAL ASSESSMENTS.

The annual assessment upon each active membership, for the purpose of defraying the expenses of the Association, shall be twenty-five dollars, and shall be payable, in advance, on the first day of January in every year. Any member who neglects or refuses to pay the same within thirty days after the same is payable, shall be excluded from the rooms of the Association, until payment is made; and any member who fails to pay the assessment within one year from the time when the same is payable, shall be deemed to have relinquished his membership, and the certificate representing such membership shall be forfeited and void, and such person can thereafter be re-admitted only as a new applicant.

Payable January 1.

Penalty for neglect of payment.

Provided, that for the period of four months from September 1, 1901, to December 31, 1901, inclusive, the assessment shall be eight dollars and thirty-three cents, which shall be due on September 1, 1901, and any member who neglects or refuses to pay the same within thirty days after the same is payable shall be excluded from the rooms of the Association until payment is made, and any member who fails to pay such assessment within four months from the time when it is payable shall be deemed to have relinquished his membership, and the certificate representing such membership shall be forfeited and void.

For four months ending December 31, 1901

ARTICLE XI.

MEETINGS.

SECTION 1. The annual meetings of the Association shall be held on the first Monday following the second Tuesday in January, in each year.

Annual meetings.

Special meetings:
how called.

Twenty-four
hours' notice to
be given.

Business may be
at once consid-
ered, by unani-
mous vote.

Quorum.

No debate or ac-
tion to be had
during session
of Exchange,
except at an-
nual meeting.

Division can
only be had
upon demand
of ten mem-
bers.

Daily session of
Exchange.

SEC. 2. The President may, and upon the written request of a majority of the Board of Directors, or of twenty-five members of the Association, shall call special meetings of the Association; of which except for action on the death of a member, at least twenty-four hours' notice shall be given by the President. Such notice shall state explicitly the object for which the meeting is called, and the transactions at said meeting shall be limited to the business stated in the call. *Provided*, that upon the announcement by the President of a call for a meeting under the foregoing provisions, the business stated in the call may be at once considered and acted upon by the members present, if a motion to that effect be actually put and unanimously carried.

SEC. 3. At all meetings of the Association fifty active members shall constitute a quorum for the transaction of business, but no action shall be had involving the expenditure of money of the Association unless authorized by or concurred in by a majority vote of the Board of Directors.

SEC. 4. No debate or action shall be had on any subject during the hours of the Exchange daily session, except on the day of the annual meeting.

SEC. 5. At any meeting of the Association the vote on any motion or resolution may be decided by the presiding officer by a *viva voce* vote; but on the demand of any ten members a division requiring a count by the Secretary or tellers can be had, but the yeas and nays can not be ordered.

SEC. 6. There shall be a daily session of the Exchange during such hours as the Board of Directors may provide (Sundays and legal holidays excepted), but this section shall not prevent adjournment at any time the Chamber may so order.

ARTICLE XII.

CONCERNING TRIALS AND CHARGES OF MISCONDUCT.

Charges: how
made.

SECTION 1. All charges made against any member of the Association for any default, misconduct, or offense, shall be addressed to the President in writing, and shall state, in ordinary language, the default, misconduct or offense charged; and the same must be signed by one or more members of the Association, or by a business firm, at least one of whose members shall be a member of the Association.

Committee to be
appointed for
preliminary in-
vestigation.

SEC. 2. Upon the receipt of any such charges the President shall appoint a committee of three members of the Board of Directors, whose duty it shall be to examine into the gravamen of the charge, and if thought proper so to do, to endeavor to reconcile the matter in dispute, or to induce the parties interested to submit the same to arbitration. Should the committee fail to effect such reconcilia-

tion, or such agreement to arbitrate, and should it find that the charge is one proper to be brought to trial, it shall report the same, in writing, to the Board of Directors, whereupon the Board, if it shall so determine by vote, shall, at such time as it may designate, proceed to a trial of the accused upon the matters charged.

Board shall try persons charged.

SEC. 3. No member shall be reprimanded, suspended or expelled without a trial by the Board of Directors of the charges made against him, nor without an opportunity to be heard in his own defense. No trial shall take place until after notice shall have been served upon the accused member, accompanied by a copy of the charges against him. Such notice may be served upon the accused personally by the Secretary, or by an employe of the Association, or it may be left at his residence or place of business, or it may be sent by mail to the last known residence of the accused, should he have no residence or place of business in Cincinnati. Such service of notice shall be considered sufficient, and after same the trial may proceed whether the accused is present or not.

Accused entitled to trial before sentence.

How notice shall be served upon accused.

ARTICLE XIII.

RULES FOR THE MANAGEMENT OF TRIALS AND CASES BEFORE THE BOARD OF DIRECTORS, AND COMMITTEES OF ARBITRATION AND APPEALS.

RULE 1. No trial before the Board or Committees shall be proceeded with in the absence of either party, until after proof of service of notice, by the Secretary or an employe of the Association, personally, or at the place of business of the party, or by mail to his last known residence, if he has no place of business in Cincinnati. Unavoidable absence from the city, sickness, or the absence of material witnesses, shall be considered, at the discretion of the Board or Committees, cause for adjournment of trial.

Trial may be adjourned, in case of absence of either party.

RULE 2. The trial shall be opened by a verbal or written statement of the case by the complainant, and be followed by a verbal or written statement by the respondent. Interruptions of the same shall not be permitted.

Trials: how opened.

RULE 3. All testimony introduced in trials before the Board or Committees shall be under oath; the oath, in cases before either the Committee of Arbitration or the Committee of Appeals, to be administered by a Judge or a Justice of the Peace of the County of Hamilton, State of Ohio, or other officer authorized, or to be authorized, to administer oaths in such cases.

Testimony must be under oath

Oath: how administered.

RULE 4. All questions as to the relevancy or admissibility of testimony shall be decided by the presiding officer. The party against whom the question of evidence is decided shall have the right of appeal to the Board or Committee trying the case.

As to relevancy of testimony: how decided.

Interrogatories
by only one
person on each
side.

RULE 5. All interrogatories by contestants shall be put by only one person on each side, unless by consent of the Board or Committee.

Order of testi-
mony.

RULE 6. The order of testimony shall be as follows:

I. The evidence for the complainant.

II. The evidence for the respondent.

III. The evidence for the complainant in regard to new matter presented in the evidence for the respondent.

The evidence shall then close, except that it may be reopened in the interest of justice, by vote of the Board or Committee.

Cross-examina-
tion of wit-
nesses.

RULE 7. The cross-examination of witnesses need not be confined to matters testified to in the direct examination, but can be extended to any matters necessary to make out the case of the party making the cross-examination.

Re-examination
in chief.

RULE 8. The re-examination in chief shall be strictly confined to new matter introduced in the cross-examination.

Witnesses to tes-
tify from per-
sonal knowl-
edge only.

RULE 9. Witnesses will only be permitted to testify as to facts within their own personal knowledge, and can not be allowed to state information given them by others.

Irrelevant testi-
mony excluded

RULE 10. The testimony must be confined to the matters in controversy, and all irrelevant facts must be excluded.

Impeachment of
reputation of
witnesses not
permitted.

RULE 11. No impeachment of the general reputation of a witness for veracity shall be permitted.

Accounts and
papers may be
referred.

RULE 12. Whenever books of account require any extended examination, or the papers presented are voluminous, the Board or Committee may refer the matter to one of their number, or to an accountant, for examination and report.

When genuine-
ness of signa-
ture is con-
tested.

RULE 13. Whenever the genuineness of the signature of any material paper, presented in evidence, is contested, the Board or Committee shall dismiss the case, unless both litigant parties shall agree to a final decision without reference to the question of the genuineness of the signature.

Proof of agency.

RULE 14. Proof of agency must be established before the admissions of an agent can be received.

When cases may
be dismissed.

RULE 15. The Board and the Committees reserve the right to dismiss any case where the conflict in the testimony is such that it may be deemed improper to proceed to give a decision.

Parties not al-
lowed to be
represented by
an attorney at
law.

RULE 16. In trials or investigations before the Board of Directors, the Committees of Arbitration or Appeals, or any other committee of the Association, no party shall be allowed to be represented by an attorney at law.

ARTICLE XIV.

NATIONAL BOARD OF TRADE.

SECTION 1. This Association having membership in the National Board of Trade, it shall be the duty of the Board of Directors, prior to each annual session of said National Board of Trade, to appoint delegates to the same, in number as prescribed by the rules of that body.

Board of Directors to elect delegates.

SEC. 2. The term of office of delegates to the National Board of Trade shall begin at the opening of its annual session, or at such time as shall be fixed by the said National Board.

When term of office begins.

SEC. 3. The delegates to the National Board of Trade shall be constituted a Committee to consider and report to the Chamber upon all subjects submitted by the National Board of Trade to the Chamber of Commerce, as well, also, upon all subjects proposed to be submitted by the Chamber of Commerce to the National Board of Trade.

Delegates to make reports.

ARTICLE XV.

CLERKS, MESSENGERS AND REPORTERS.

SECTION 1. Each firm or business house, one or more of the members of which are members of the Association, upon the approval of the Board of Directors of the person for whom the application is made, shall be entitled to one or more clerks' tickets of admission to the daily Exchange meetings of the Association, on payment of the regular annual assessment of members, for each and every clerk; but the holder of a clerk's ticket must be in the employ of the member applying for the same, and he shall not have the right to transact any business in the Exchange rooms for any other person than the employer, to whom the ticket may have been issued. Any clerk's ticket, and all payments for the same, may be declared forfeited by the Board of Directors, upon satisfactory evidence that the person holding it has abused any of the privileges granted by it, or that he is not a *bona fide* employe of the person upon whose application it was issued.

Clerks' tickets. how obtained.

Causes for forfeiture of ticket.

SEC. 2. The Board of Directors shall be authorized, under such restrictions, regulations and limitations as it may deem proper, to grant admission to the Exchange rooms to messengers for members, such messengers not to be allowed to transact any business beyond communicating with their principal, and not to remain longer than is necessary for that purpose.

Messengers.

Reporters.

SEC. 3. Upon the approval of the Board of Directors, reporters of daily newspapers, published in the City of Cincinnati, may be admitted to the Exchange rooms, without charge.

ARTICLE XVI.

VISITORS.

Visitors can not
transact busi-
ness.

Visitors may be introduced to the Exchange rooms upon such conditions and for such time as the Board of Directors may determine. No person admitted as a visitor shall be permitted to transact any business in the Exchange rooms.

ARTICLE XVII.

PROHIBITED APPROPRIATIONS.

Appropriations:
what prohib-
ited.

No appropriation of money shall be made by the Board of Directors, or by the Association, for any other than the strictly legitimate business purposes of the Association.

ARTICLE XVIII.

AMENDMENTS.

These By-laws may be amended by a two-thirds vote of the members present and voting at any regular meeting of the Association, or at a special meeting called for the purpose; *Provided*, that the proposed amendments or alterations shall have been approved by a majority vote of the whole Board of Directors, and shall have been posted on the bulletin board for at least ten days prior to the meeting of the Association at which it is proposed to consider them.

ARTICLE XIX.

Repeal of former
constitution.

Exception for
present officers.

The former Constitution, and all rules and regulations inconsistent with these By-laws, are hereby repealed. *Provided*, that the Board of Officers and all committees and appointees, holding office at the time of the adoption of this article, shall continue in their respective offices and duties, during the term for which they were elected, and until their successors are duly elected and qualified.

ANNUAL REPORTS
OF THE
EXECUTIVE OFFICIALS
OF THE
CINCINNATI CHAMBER OF COMMERCE
AND
MERCHANTS' EXCHANGE.

REPORT OF THE TREASURER.

CINCINNATI, January 9, 1907.

L. L. SADLER, *President*

Cincinnati Chamber of Commerce and Merchants' Exchange:

DEAR SIR—I have the honor to submit herewith my report of the Finances of the Chamber of Commerce for the fiscal year ending December 31, 1906.

Very respectfully,

O. G. FETTER,

Treasurer.

STATEMENT OF RECEIPTS AND DISBURSEMENTS FOR THE YEAR ENDING DECEMBER 31, 1906.

January 1, 1906—Balance December 31, 1905.....			\$411 35
RECEIPTS.			
Membership Dues		\$22,000 00	
Clerks' Tickets		150 00	
Desk Rent		325 25	
Transfer Fees		240 00	
Interest on Bank Account		113 54	
Arbitration Fees		30 00	
Petty Receipts (Sale of Waste Paper, Scrap Iron, etc.)		158 84	
Rent Account (Rentals from Building)		40,603 79	
WEIGHING BUREAU:			
Weighing Fees (Collections)	\$ 7,645 22		
Reimbursed for Pay Rolls	18,572 98	26,218 20	
GRAIN AND HAY INSPECTION BUREAU:			
Inspection Fees (Collections)		9,844 94	
FLOUR INSPECTION DEPARTMENT:			
Inspection Fees (Collections)		1,032 40	
Bills Payable (Call Loans)		10,000 00	\$110,716 96
DISBURSEMENTS.			
Salaries	13,012 50		
Telegraph Reports	6,156 12		
Janitor Service	2,540 00		
Annual Report	870 61		
Telephone Service	700 00		
Expense	1,389 17		
Stationery and Printing	383 26		
Postage	221 40		
Arbitration Fees	6 00		
Legal Expenses	55 00		
National Board of Trade	309 30		
Cincinnati Industrial Bureau	150 00		
Ohio State Board of Commerce	45 70		
National Rivers and Harbors Congress	75 00		
Receivers and Shippers Association	25 00		
San Francisco Relief Committee	500 00		
Interest on Call Loans	379 51	26,818 57	
Amounts forward		\$26,818 57	\$111,128 31

STATEMENT OF RECEIPTS AND DISBURSEMENTS.—CONTINUED.

<i>Amounts brought forward</i>		\$26,818 57	\$111,128 81
Interest on Chamber of Commerce Bonds (\$125,000, 4 per cent.).....		5,000 00	
Bills Payable (Call Loans of 1905, paid off).....		11,000 00	
WEIGHING BUREAU:			
Pay Rolls and Salaries	\$24,485 73		
Current Expenses.....	1,268 85	25,752 58	
GRAIN AND HAY INSPECTION BUREAU:			
Current Expenses (May 1 to December 31, 1906).....		9,520 07	
FLOUR INSPECTION DEPARTMENT:			
Expenses (Salary of Inspector).....		2,500 00	
BUILDING EXPENDITURES.			
Wages.....	5,650 50		
Fuel	3,516 65		
Gas.....	51 27		
Water.....	679 01		
Building Supplies	681 74		
Building Repairs	633 60		
Building Expense	876 69		
BUILDING IMPROVEMENTS, TO-WIT:			
Otis Elevator Co. (on account new elevator).....	\$4,616 63		
Wm. Lang & Son Co. (Fire Escape).....	885 00		
H. Behrens & Co. (office for Weighing Bureau, &c)	268 85		
Sundry (Painting, Carpenter Work, &c.).....	444 19	6,214 67	17,784 13
Taxes (Real Estate and Chattels).....		9,176 11	107,551 46
<i>Balance December 31, 1906</i>			\$3,576 85

Respectfully submitted,

Examined and approved :

O. G. FETTER, *Treasurer*

EDWARD R. BUHRMAN, }
 JOHN HOFFMANN, } *Finance Committee.*
 J. M. SEARS, }

<i>Chamber of Commerce Bonds</i> (dated January 1, 1888—payable January 1, 1908—bearing 4 per cent. interest, payable semi-annually), total issue			\$150,000 00
<i>Bonds Called and Redeemed</i> (Nos. 1 to 50 inclusive).....			25,000 00
<i>Balance outstanding December 31, 1906</i>			\$125,000 00
<i>Bills Payable outstanding December 31, 1906</i>			15,000 00
<i>Total Liabilities December 31, 1906</i>			\$140,000 00

Chamber of Commerce Building, December 31, 1906 :

Total Cost to Completion (Lot, Building and Equipment).....\$772,674 05

REPORT OF THE PRESIDENT.

CINCINNATI, January 14, 1907.

To the Members of the

Cincinnati Chamber of Commerce and Merchants' Exchange:

GENTLEMEN:—Before performing my last official act, that of qualifying our newly elected members as Directors, and installing my successor, I beg to submit a brief review as to the affairs of our Association which have engaged the attention of your Board of Directors during the past year, other than those detailed by the reports of our Secretary and Treasurer.

First, I feel that we have reason to congratulate ourselves that we have been favored with a year of such general and universal prosperity, a prosperity which from all appearances has been enjoyed most fully by our members in their various branches of commercial industry; and again, that the affairs of the Chamber are shown to be in such a healthy condition. While it is true that the process of liquidating our bonded indebtedness is slow, retarded by new liabilities created in the recent past, through the remodeling of a portion of our building, and the introduction of new and modern appliances and facilities for the providing of heat and light, the latter, improvements that in the matter of economy alone having demonstrated the wisdom of their installment. In this connection I would revert to, and mention, that need for an unforeseen expenditure was presented this year through the necessity of acquirement of a new elevator to supplant one that through long use had become so worn as to afford apprehension of getting into condition of unsafety, and in the opinion of mechanical experts, incapable of permanent or satisfactory repair. Including this expense, which may be classed as extraordinary, together with the erection of a new and improved fire escape, as required by law, it may be observed that our total receipts have exceeded expenses in the sum of \$4,165.50.

Our bonded indebtedness at the present time (note Treasurer's Report), is \$125,000, bearing 4 per cent interest. These bonds become due and payable in January, 1908, and the matter of refunding them must necessarily engage the attention of our Board of Directors this year in due season.

During the year 1905 negotiations with the proprietors of the Burnet House were entered into, looking to granting to them the right to a guests' passage-way through our building. Negotiations were finally concluded this year, which would bring to us a handsome revenue, but it appears that some trouble has been encountered in obtaining from the city the permission or right to bridge Baker street. This difficulty, it is thought, will soon be overcome and the arrangement completed.

In the report of my immediate and esteemed predecessor of last year, the value of our property was touched upon and pointed out as something over one million of dollars, and it was suggested that the feasibility of a change in our charter from an organization not for profit, to one "for profit," to the effect that the value of our Certificates of Membership might be enhanced, should be inquired into. The subject was taken up by our Standing Committee on Law, in connection with the Association's Attorney, fully considered, and found "not feasible," and so reported.

In my initiatory remarks, one year ago, I alluded to the recent adoption of a new system and methods for the weighing of grain and hay and other commodities in this market, and the establishment of a Weighing Bureau, etc., that the same was about to be inaugurated and put into effect, and the hearty coöperation of the grain men was particularly asked, that the measure might have a fair and impartial trial. I am pleased to now state that from the trade generally we hear naught but words of commendation as to the system, that in the main it has proved satisfactory, and in many ways advantageous to the trade. While the system is not yet fully perfected, the defects are being noted and corrected. The system thus far in its operations has been self-sustaining.

The preceding Board of Directors, taking action incident to resignation of the former Flour Inspector, decided upon and arranged for conduct of Flour Inspection on a salary plan. This was inaugurated with the first of January. There was doubt as to the likelihood of sufficient inspection business to reimburse the Association for the amount of salary of a competent Inspector, but it was regarded as important that the market should be provided with such official service under the auspices of the Chamber of Commerce. In this department of inspection service there has resulted considerable deficiency of revenue in comparison with cost.

After considering various features attending grain and hay inspection, the Board decided upon the plan of arranging this service upon a salary system, under the more direct supervision of the Association, and this plan was put into operation on May 1st, its operation proving satisfactory. This department has afforded a surplus of revenue over cost of service.

Rules governing the provision trade were revised during the year, and some changes introduced.

Attention has been given to the question of the improvement of our waterways by the appointment and attendance of representative delegates to the various conventions that have met throughout the year for the consideration and advancement of water-way transportation, especially that of the Ohio River, by improvements looking to an ample stage of water all the year round, and the erection of ice piers for the protection of the shipping interests in Cincinnati and other harbors.

The question of improved terminal facilities, through the construction of a belt line railway, appears to have assumed tangible shape through the organization and incorporation of a terminal company that proposes to push such work to completion at an early day, which is particularly gratifying to those of us following industrial and commercial pursuits. Much credit is due to the very

efficient Committee on Transportation of this Chamber for its intelligent and persistent labors to this end.

April 19th of last year news of the terrible calamity which had befallen the city of San Francisco, California, and the distress of her people, reached us. This Chamber, ever ready to extend the helping hand in cases of need, at once authorized the appointment of a Relief Committee to take charge of and properly forward contributions, and the appropriation of \$500 from its own funds. This Committee, with Gen. Michael Ryan as its Chairman, was energetic and faithful, and became the medium through which more than \$35,000 was forwarded for the relief of the sufferers. Calls for relief also reached us from the Mt. Vesuvius eruption, and the Coden and Bayou La Batre, Alabama, storm sufferers, which received attention. These disasters served to call forth the best elements of human nature in our people. The benevolent who so generously shared their means with the victims of these calamities, will reap their reward in the consciousness of having performed a noble act, and in receiving the grateful thanks of those whose sufferings they helped to relieve.

It became apparent during the year that on the part of some of our members, too little regard was being had to that paramount feature of our organization that calls for honorable and strictly upright methods and procedure in the conduct of all business transactions, resulting in special inquiry as to same by your Board of Directors, according to its duty under the by-laws and rules of this body, and in the case of one of our previously prominent firms, their suspension from the privileges of the Chamber for a definite period. It is with profound regret that there has been occasion for such mention, yet for the truth of history, it is deemed but proper that such allusion be made.

The number of deaths occurring during the year was fourteen. Our aggregate membership at the present time is eight hundred and ninety-one.

Concluding, I desire to express my sincere thanks for the ever kind and courteous assistance and treatment received at the hands of our worthy and esteemed Superintendent, Mr. C. B. Murray, and his assistants, in the discharge of my official duties; to my colleagues in the Board of Directors, and the membership at large for indulgent support throughout.

Respectfully,

L. L. SADLER, *President.*

REPORT OF THE SECRETARY.

CINCINNATI, January 14, 1907.

L. L. SADLER, *President*,

Cincinnati Chamber of Commerce and Merchants' Exchange:

DEAR SIR:—In accordance with a custom which attaches to my official duties, I have the honor to present a brief report in the nature of a review of those actions of the Board of Directors, as well as references to the business and financial affairs of the Chamber, which may be regarded of interest to the general membership.

The finances of the Chamber for the year 1906 are reflected in the Treasurer's report, which shows total receipts from all sources of revenue to be \$100,716.96, against expenditures for all purposes of \$96,551.46, a net revenue for the year of \$4,165.50, which may be regarded satisfactory, in view of the several extraordinary outlays for improvements which were necessary, in addition to the usual current expenses. To the equipment of the building has been added a modern high speed passenger elevator, to replace one of an old type which was beyond economical or practical repair. The contract for the new elevator was \$6,155.50. A fire escape was also constructed on the building, in compliance with local building regulations, at a cost of \$885.00 and there were other unusual expenditures for other purposes, aggregating \$1,213.00. There was left over from the preceding year an indebtedness in Bills Payable amounting to \$16,000. Of this amount \$11,000 was paid out of the 1906 revenues, but subsequently loans amounting to \$10,000 were necessary to meet current obligations, so that at the close of the year 1906, there was an outstanding Bills Payable Account of \$15,000, to be turned over to the incoming Board of Directors for 1907. The origin and continuance of these loans, dates back several years, and were occasioned by the large expenditure in the remodeling of the building for the occupancy of the Business Men's Club, the change in the location of the main stairway and in extensive improvements and renovations in the engine room and the electrical equipment. It is hoped that the normal excess of the Receipts over Expenditures will in a few years wipe out this floating indebtedness. The bonded indebtedness of the Chamber, being \$125,000 4 per cent Bonds, will mature on January 1, 1908, and doubtless the incoming Board of Directors will make financial provision for the payment or refunding of these bonds at maturity.

The membership of the Chamber on January 1, 1907 numbered a total of 891, composed of 879 certificate, 4 non-certificate, and 8 honorary members. Twenty-three memberships were forfeited and void December 31, 1906, for non-payment of annual dues.

The Chamber of Commerce Weighing Bureau which was established and went into operation January 16, 1906, after a trial of a year, has proven itself to be a success in many ways and is now regarded as an important and useful adjunct of the Chamber of Commerce. It has fulfilled its mission as an agency assuring stability and accuracy of weights, and has been especially useful and beneficial to the grain trade, where trustworthy methods of weighing and reliable weights are so important. The Annual Report of the Chief Weigher shows a total of 32,799 cars weighed by the Bureau during the year 1906, and in a financial way, a net earning of \$2,477.12 on the year's business.

Besides the Chief Weigher and the Clerk in his office, there are now in the service some 45 weighers stationed at elevators, warehouses, railroad yards and principal receiving points, besides a corps of unassigned weighers for miscellaneous and emergency service.

Another new department was added to the business of the Exchange, when the Inspection of Hay and Grain was taken over by the Board as an adjunct of the Chamber of Commerce. On May 1, 1906, the Grain and Hay Inspection Bureau of the Chamber of Commerce went into effect and operation. Prior to this the inspection of grain and hay in this market, while operated under the auspices of the Chamber of Commerce, had been practically independent of the Exchange as to its business management. The purpose of establishing this Bureau was to bring the management of that department directly under the control and supervision of the Chamber. The veteran Inspector of Grain and Hay, Mr. Homer Chisman, was put in charge of the Bureau as Chief Inspector, and Mr. Edward F. Dennis was made Assistant. Under these are a corps of Inspectors and Clerks to handle the growing business of this department. During the eight months of its operation from May 1, 1906, to January 1, 1907, the net earnings of the Bureau for that period were \$1,652.82. The Bureau is in competent hands and doing good work.

The Flour Inspection Department which has been in operation for a year ending December 31, 1906, was somewhat disappointing as to the volume of business done. The expenses of its operation for the period named, exceeded the receipts by the sum of \$1,487.60. However, this can not be regarded as a reflection on the value and usefulness of the Department, which under the capable management of its Inspector, Mr. George F. Munson, has rendered the trade a valuable and efficient service.

That the Chamber of Commerce is alert and active in the promotion of worthy movements, and in its participation in the deliberations of other Associations, national in scope, commercial and legislative in character, is evident by its representation at many conventions and meetings of said bodies. Those at which the Chamber was represented are as follows: The National Board of Trade, Washington, D. C., January 16-17, 1906; Tobacco Fair, Maysville, Ky., February 22, 1906; National Consular Reform Convention, Washington, D. C., March 13, 1906; Mississippi Valley Latin-American Convention, New Orleans, April 5-7, 1906; Lake Mohonk Conference on International Arbitration, May 30-June 1, 1906; National Hay Convention, Put-in-Bay, July 3-5, 1906; Ohio Valley Improvement Association, Portsmouth, Ohio, October 16-17, 1906; National Rivers and Harbors

Congress, Washington, D. C., December 6-7, 1906; Uniform Grades Congress (Grain Dealers National Association), Chicago, December 11-13, 1906; Ohio State Board of Commerce, Columbus, December 13-14, 1906; National Convention for the Extension of Foreign Commerce, Washington, D. C., January 14, 1907.

Of the various local bodies, the Chamber continued its representation and membership in the following: Business Men's Benevolent Advisory Association; Receivers and Shippers Association; Cincinnati Industrial Bureau, and the Cincinnati Associated Organizations. The Chamber also took an active part in the Clean Streets Convention, which was a local movement for reform in that direction.

Among the Rules and Regulations adopted by the Board of Directors during its official term, may be mentioned the following: Rules relating to the establishment of the Grain and Hay Inspection Bureau; a Revision of the Classification of Grain; a change in the Fees for the Inspection of Hay; changes in the Rules for the Government of the Provision Trade; the giving of the Grain Inspection Committee authority to assess a fee not to exceed \$5, against parties bringing cases before that committee; an addition to the Weighing Bureau Rules, giving the Bureau authority to weigh commodities other than Grain and Hay and fixing the fees for the same; a regulation fixing 70 pounds as the standard weight of a bushel of Ear Corn throughout the year, without a change in the weight as was previously the custom; a rule providing for a new grade of hay known as "No Established Grade." The above rules are all incorporated in the printed rules and are published in the Annual Report of the Chamber of Commerce.

The plan proposed for changing the method of the election of Officers of the Chamber, as embodied in certain amendments to the by-laws, which were voted upon in October, 1905, and defeated, was again brought up for the consideration of the membership. The same amendments with slight modifications were duly approved by the Board of Directors and submitted to the Association at a special election held December 3, 1906, when it was again defeated by a vote of 109 Yes to 118 No.

Early in the year 1906, the subject of a change in the Charter of the Chamber of Commerce was suggested and discussed, by which plan it was presumed that holders of membership certificates in the Chamber would become participants in the property rights of the Chamber, for which the present Charter made no provision. It was held that such a change would be influential in encouraging members to retain their certificates and have a tendency to stimulate and enhance their market value. There were legal questions to be considered and the matter was referred to a Committee of the Board, which after careful deliberation and legal advice, made report suggesting that the plan as proposed for a change in the Charter be abandoned as unnecessary and inexpedient, and recommending instead that certain changes be made in the by-laws, by which could be secured the same results sought, namely an enhancement in the value of Chamber of Commerce Certificates. The report of the Committee was filed and there has been no subsequent consideration of the matter.

Negotiations with the Burnet House for an entrance to the hotel through the Chamber of Commerce Building from Fourth street, which were under considera-

tion by the preceding Board, were again taken up by this year's Board, and through the efforts of a Special Committee satisfactory terms as to rental and conditions were reached, but the consummation of the deal for some reason, has not taken place. There was a municipal ordinance necessary for a right to construct a bridge over Baker street, which we understand was secured, but presumptively the Burnet House people have abandoned the idea, as nothing has yet been done.

An inquiry was made by a Committee of the Board into the question of Commission charges and track buying. This had been the subject of considerable discussion and criticism by members of the grain trade, especially with reference to the existing rules or schedule of rates regulating commission charges, the principal objection being that while there was a maximum rate stipulated, there was no regulation requiring or compelling members of the trade to make a uniform charge for their services in the handling of grain, hay, mill feed and seed in this market, which was the rule in some other markets. An active interest was shown in this question, and a number of conferences were held by the grain trade with the Committee of your Board. A sub-Committee had prepared a code of rules providing for a revised schedule of commission charges with stringent regulations for the observance of members and punishment in the event of violation, but these rules were not approved by the conferees, and the Special Committee subsequently reported to the Board that the majority of the members of the grain trade, after further consideration, expressed themselves as opposed to any change in the existing rules, and the Committee so recommended. This Committee, in response to an inquiry as to the obligation of members to comply with the existing rules on commission rates, subsequently brought in a report, giving an interpretation of the commission rules, which in effect was that the present rules may be regarded as indicating regular rates, and as such to mean maximum rates to govern between parties, when there is no understanding to the contrary, and do not indicate that lower rates may not be charged. To an inquiry as to whether it would be a violation of the rules of the Chamber, if a member were to take to his own account grain or other consigned property at the highest average market price on the day of arrival, after exhibiting the same for sale and finding it impossible to sell at the higher figure, this Committee reported there would be no violation of any regulation of the Chamber, because there is no regulation bearing upon such matters.

Among the actions of the Board of Directors during the year may be mentioned the following: A subscription of \$500 was voted to the San Francisco Relief Committee; a Special Committee was appointed to prepare a tribute to the memory of the late E. A. Ferguson, who had been conspicuously identified with the history and the building of the Cincinnati Southern Railway; a Committee was appointed to co-operate with other Committees in the matter of relief of the distressed in Southern Italy occasioned by the recent eruption of Mt. Vesuvius; the matter of the adoption of local regulations and methods of tracing for delivery of freight was referred to a Special Committee for investigation and report; a Committee was appointed to participate in a movement which had been inaugurated to provide a bronze statue of the late Andrew Erkenbrecher, who was one of Cincinnati's foremost citizens, and recognized as the founder of the Zoological Gardens.

At a meeting of the Board of Directors, December 4, 1906, Mr. Jacob G. Schmidlapp was, by unanimous vote, elected to Honorary Life Membership in

the Chamber of Commerce. Mr. Schmidlapp is recognized as one of Cincinnati's most prominent and enterprising citizens; he is actively identified with many public and financial institutions, and has done much for Cincinnati in a substantial way. His name is intimately associated with the artistic and intellectual advancement of our city and several endowments and structures devoted to the cause of music and art, are due to his liberality and public spirit; his latest and most conspicuous contribution being the erection of a beautiful classic edifice, as an addition to the Art Museum Building in Eden Park, and intended as a memorial to a deceased and beloved daughter. The action of the Board of Directors in conferring this honor upon Mr. Schmidlapp has met with unanimous approval.

The actions taken by the Association in open session, as shown by the Records, may be here briefly referred to as follows; the Memorial Reports upon deceased members which are printed elsewhere in the Annual Report, are here omitted:—

January 22, 1906.—Dr. Douglas Hyde, of Ireland, who is visiting in the United States on behalf of an Irish National Movement, the principal object of which is to awaken an interest in the study of the Irish language and its advantages in an industrial sense, was a visitor to the Chamber of Commerce this day.

February 9, 1906.—The Chamber of Commerce adjourns over Lincoln's birthday, February 12.

March 9, 1906.—Preamble and Resolutions relating to Congressional measure (H. B. 15436), providing for an appropriation for preliminary survey and the ultimate construction of an Ice Harbor at Cincinnati, were adopted. Subsequently a Committee was appointed to visit Washington to confer with the Rivers and Harbors Committee.

April 9, 1906.—The Chamber of Commerce participated in the parade of the "Clean Streets" Convention.

April 11, 1906.—The Chamber of Commerce adjourns over "Good Friday," April 13, 1906.

April 16, 1906.—Committee appointed on Relief of Sufferers in Italy, occasioned by the recent disastrous eruption of Mt. Vesuvius.

April 19, 1906.—Committee appointed in the matter of extending relief to the stricken and suffering people of San Francisco, which on yesterday was overtaken by an appalling disaster and conflagration.

June 19, 1906.—Action and Resolutions adopted on the death of Governor John M. Pattison.

June 20, 1906.—Chamber of Commerce adjourns over June 21, day of the funeral of Governor Pattison.

July 12, 1906.—San Francisco Relief Committee makes financial report this day, showing total subscriptions to be \$35,428.57.

At this meeting President Sadler announced that by action of the Board of Directors, a leave of absence had been extended Superintendent C. B. Murray, in order that he might avail himself of an opportunity for a vacation and recreation abroad, which had been arranged for him, as a testimonial from many friends here and elsewhere. The occasion took on the nature of a public farewell in which

Mr. Michael Ryan, on behalf of the Committee of Arrangements and friends, made brief remarks, to which Mr. Murray made appropriate response, expressing his deep sense of gratitude and appreciation.

September 22, 1906.—Chamber of Commerce participates in "Cincinnati Day," Saturday, September 22, at the Fall Festival. Session of 'Change adjourns at 12 o'clock, noon.

October 26, 1906.—Resolutions adopted favoring the plan for the proposed Ohio Manufacturer's Palace at the Jamestown Exposition, and recommending this opportunity to the Manufacturing and Industrial enterprises of Cincinnati.

November 3, 1906.—Chamber of Commerce adjourns over Tuesday, November 6, 1906—Election Day.

November 7, 1906.—Committee appointed on Relief of Sufferers by the recent storms on the Alabama Coast.

November 30, 1906.—Action was taken and Committee appointed upon the death of Samuel Spencer, late President of the Cincinnati, New Orleans and Texas Pacific Railway.

December 3, 1906.—Election was held this day on proposed Amendments to the by-laws, relating to the change in method of electing Officers of the Board. Amendments failed to carry—Vote 109 Yes, to 118 No.

Before closing this report, it may not be out of place to make reference to one of the social amenities which it was the privilege of this retiring Board to enjoy. At one of the closing meetings of the year, the members of the Board became the personal guests of President Sadler, at a sumptuous luncheon served at the rooms of the Business Men's Club. The luncheon was informal throughout, and a most enjoyable occasion in every way. At the conclusion of the luncheon a surprise had been prepared for the host of the occasion, President Sadler, who was presented with a massive silver loving cup, as a token of the esteem and high estimation in which he was held by his associates in the Board of Directors for the year just closing. President Sadler taken completely by surprise, made felicitous and happy response, expressing his profound thanks for the beautiful gift, as well as his great appreciation of this manifestation of the Board's confidence and esteem. The occasion was an interesting and pleasant one, and will long be remembered by those privileged to participate in it.

It is with regret that we have to record the removal by death of the following members of the Chamber of Commerce during the year 1906: Thomas J. Emery, Richard F. Caldwell, R. B. Stephenson, M. D. Thompson, William T. Perkins, S. R. Voorhees, John M. Pattison, H. Wilson Brown, Marcus Warth, M. M. Reece, Albert Dill, Frank G. Tullidge, Christ. Sandheger and Charles Mayer.

Respectfully submitted,

H. B. McCULLOUGH, *Secretary.*

REPORT OF THE SUPERINTENDENT.

CINCINNATI CHAMBER OF COMMERCE, }
May, 1907. }

THE PRESIDENT AND BOARD OF DIRECTORS:

GENTLEMEN:—In accordance with the provisions of the by-laws, your Superintendent has prepared a statement for the year relating to the trade, commerce and industries of the locality, which is herewith submitted. In this work there has been introduced as much of fullness of detail as seems essential and consistent with available information, and appropriate to be presented in such connection, relating to the past calendar year, with comparisons for previous years. The value of statistical statements is largely dependent upon their being attended with comparative exhibits for previous years.

This is the Fifty-eighth Annual Report of the Cincinnati Chamber of Commerce, and the sixteenth prepared by the present Superintendent. In 1904 the Board of Directors ordered an abridgment in the extent of statistical exhibits, and since then the volume has not been so comprehensive as for some years previously, but is regarded as sufficiently full to serve all needful purposes of such a work.

The changes in location of large industrial plants to outlying situations, with the incident shifting of freight records necessary to be consulted for information as to local movement of freight in various instances from the terminal general offices to the suburban stations, have increased the labors of gathering reports for the Chamber of Commerce records. In such work there is necessarily more or less margin of incompleteness and lack of accuracy, but the work of collecting and collating the information under diligence and carefulness of effort and method represents results which in their value as comparisons are deemed worthy, and as furnishing the best attainable indication in such matters for this locality.

The Chamber of Commerce in its work of securing and making available the evidences of traffic and industry for this locality is not governed by the limitations of the city corporation lines. All that legitimately belongs to this centralization of industrial affairs is taken into the account of local operations. Attention has been given in recent years to the manufacturing interests of the locality, and while the returns are not as near completeness as might be desired they have been of sufficient extent to afford a good basis for general conclusions. A large proportion of the more important establishments have furnished information asked for. An interesting feature of such investigation has been the ability to ascertain and to state with a degree of much fullness what our factories are furnishing and can furnish for exportation to foreign countries.

Copies of this report are available to members of the Association, and will be furnished to others desirous of being possessed of the information which it presents, upon application.

Respectfully,

CHARLES B. MURRAY,
Superintendent and Executive Secretary.

THE COMMERCE AND INDUSTRY OF CINCINNATI.

The commercial and industrial activity which had been previously noted for Cincinnati and immediate vicinity was well maintained during the year 1906, and for the most part there was a satisfactory return for the labor and capital thus employed. In most of the lines of industry of important proportions there were evidences of decided gains over the preceding year. The exceptions in this particular were few. There was a continuance of extensive building operations for business purposes and for residential uses, the latter especially being notable. The receipts and distribution of commodities were enlarged, and exceeded the records of any previous year. The demand for products of local factories and of jobbing establishments was good. Progress in the work of improving railway terminal facilities was interfered with to some extent, but good headway in this particular was secured. The river transportation interests were exceptionally favored with a navigable stage of water in the Ohio river for practically all the year below the mouth of the Kanawha river, and about half the year above that point. Public agitation of the greater needs of governmental attention to improvement of inland navigable waterways, especially with reference to the Ohio river and its tributaries, was a feature of the year, giving promise of good results. The general advance which our locality is making is reflected in the addition of several new banks during the year—one national bank and four private banks—with an important increase in the total banking capital.

Bank Clearings at Cincinnati in 1906 were $8\frac{1}{2}$ per cent greater than for the preceding year, reaching a total of \$1,310,435,000, against an annual average of \$1,127,100,000 for five years previously.

Grain receipts for the local trade were a little short of the preceding year, the decrease being mainly due to the smaller movement of oats.

Flour receipts were increased nearly 10 per cent, and local manufacture of flour enlarged 9 per cent.

Live stock receipts were smaller than for 1905 for hogs and sheep, and the aggregate number of animals somewhat short, while there was a gain of 5 per cent in comparison with the annual average for five years previously.

Hog slaughtering was about 8 per cent less than for 1905, and only moderately in excess of the annual average for five years.

Hay receipts were much greater than for any previous year, and 70 per cent larger than the annual average for five years.

Grass seeds were about the same as for the preceding year in aggregate receipts, clover showing an increase, timothy a decrease, and other kinds some increase.

Butter receipts were increased. The Butterine trade was enlarged. Cheese receipts were considerably increased. Eggs were in larger supply than for several years.

Apples were in moderately larger supply, and other green fruit, including peaches, pears, cherries, plums and berries, were much more abundant.

Potatoes were in somewhat larger supply, but the year's receipts were short of some earlier years.

Groceries apparently were not in enlarged supply, but the indicated total sales represent an increase of about 4½ per cent compared with the preceding year, and 14 per cent more than the annual average for five years previously.

Dry Goods operations were about 9 per cent in value over the preceding year, and much in excess of any previous year.

Shoe manufacturing was increased about 8 per cent, and is a local industry of large proportions.

Clothing manufacture locally and sales of goods from other sources were moderately increased.

Pig iron receipts were enlarged, and with the advance in prices the total sales of local dealers represented an increase of about 17 per cent, including transactions for direct shipment.

Coal receipts gained 8 per cent over the high record of the preceding year, and were 48 per cent larger than the annual average for five years, the river arrivals decreasing and railroad receipts gaining largely over the preceding year.

Whisky production was increased 33 per cent compared with 1905, and nearly equaled the high records of the two years preceding.

Beer and other Malt liquors were more largely produced than in any previous year, making a gain of 7 per cent over 1905.

Leaf tobacco sales at the warehouses were 38 per cent larger than the preceding year in number of hogsheads.

Lumber receipts were 9 per cent greater than the high record of the preceding year.

Soap manufacture gained fully 5 per cent in the great output of local factories.

Vehicles were produced to about the same extent as for the preceding year in value.

Furniture and office fixtures gained 8 per cent in value of local manufacture.

General totals in some of the prominent lines and interests represented by the business and industrial activities at Cincinnati are indicated in the following, for the year 1906: Value of shoes locally manufactured, \$19,500,000; of clothing manufactured, \$20,500,000; of soap manufactured, \$21,000,000; of furniture and office equipments manufactured, \$9,750,000; of machinery, machine tools, etc.,

manufactured, \$18,000,000. Value of meats and kindred products manufactured, \$18,000,000. Coal receipts, 174,000,000 bushels. Grain receipts, exclusive of transit movement, 20,000,000 bushels. Pig iron sales by local houses and branches, 1,780,000 tons. Beer produced, 1,779,000 barrels, or 55,100,000 gallons. Spirits distilled, 10,921,000 gallons. Soap made, 315,000,000 pounds. Railroad freights, in and out, about 25,000,000 tons.

The aggregate value of the output of large and small factories of Cincinnati and the immediate vicinity is estimated at approximately \$345,000,000. Most of the important lines of such industry made good gains the past year, but there were exceptions, and in a few instances a falling behind. The estimate for the preceding year was \$330,000,000.

Population figures for Cincinnati and the belongings of the city adjacent to the limits of corporation lines indicate a total in excess of 550,000.

A detailed exhibit is herewith presented in comprehensive form, representing annual average prices of standard grades of the products mentioned, in this market, according to records of the Chamber of Commerce, for the past eleven years:

ARTICLES.	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896
Flour, spring family.....	3.50	4.20	4.40	3.50	3.05	2.99	8.11	3.08	3.90	3.72	2.89
Flour, winter family....	3.15	3.85	4.15	3.15	3.00	2.64	2.96	2.55	3.43	3.55	2.90
Wheat.....	81	99	1.08	81	80	77	75	72	86	89	72
Corn.....	48	52	51	47	61	52	41	36	34	26	27
Oats.....	34	32	38	37	41	84	25	27	27	21	20
Mess Pork.....	16.50	13.60	12.80	15.15	17.25	14.99	11.86	9.13	9.73	8.34	8.04
Hams, sugar-cured.....	13.40	11.60	12.05	13.40	12.05	11.07	11.04	9.75	8.78	9.91	10.29
D. S. Short Rib Sides.....	8.85	7.25	7.10	8.60	9.80	8.07	6.89	5.01	5.37	4.76	4.19
Lard.....	8.30	6.85	6.65	8.10	9.90	8.38	6.51	5.04	5.06	4.02	4.29
Butter, creamery.....	24.25	23.95	20.70	20.95	21.33	19.36	19.90	18.60	16.46	15.45	14.50
Butter, dairy.....	15.00	15.85	11.40	13.65	15.52	11.97	13.99	12.56	11.03	9.65	8.60
Cheese, factory.....	12.80	12.60	9.40	11.40	11.60	10.28	10.98	10.66	8.68	9.06	8.85
Eggs.....	18.35	19.50	19.60	17.80	18.00	14.98	13.43	13.55	12.14	10.79	10.75
Sugar, hards.....	5.50	6.20	5.80	5.53	5.22	5.82	6.15	5.87	5.74	5.29	4.73
Molasses, New Orleans.....	31.45	30.50	32.66	32.62	33.46	34.25	38.46	32.00	31.82	26.13	31.86
Rice, Louisiana.....	5.05	5.75	6.10	6.30	5.86	5.86	5.75	5.97	6.03	5.24	4.12
Coffee, Rio.....	9.90	10.25	9.60	7.65	8.30	8.32	10.75	9.67	9.74	15.02	18.59
Dried Peaches.....	12.25	9.75	7.85	7.00	8.36	8.18	8.85	10.22	8.05	7.13	6.25
Dried Apples.....	4.90	4.50	4.45	4.50	4.20	3.31	3.44	4.81	4.31	2.64	2.25
Green Apples.....	3.20	3.05	2.30	2.40	2.90	2.73	2.54	2.59	2.76	1.97	1.80
Potatoes.....	65	45	78	59	62	62	43	49	57	48	28
Beans.....	1.70	1.80	2.05	2.25	2.45	2.60	2.31	1.35	1.21	.98	1.10
Cattle.....	3.60	3.45	3.40	3.50	4.10	3.78	4.00	3.85	3.70	3.54	3.40
Sheep.....	4.65	4.45	3.70	3.80	3.80	3.34	3.72	3.77	3.87	3.78	3.15
Hogs.....	6.40	5.85	5.25	6.05	6.80	5.95	5.10	4.05	3.84	3.32	3.50
Leather.....	30.35	30.15	30.10	28.10	30.50	30.14	29.11	27.27	25.96	25.92	23.96
Hides.....	11.70	10.50	8.25	7.00	7.70	7.63	7.99	8.57	8.71	7.73	5.52
Wool.....	35.00	36.75	30.00	25.50	23.50	23.85	25.64	21.85	24.95	24.45	17.81
Cotton.....	11.30	9.00	11.60	10.95	8.65	8.38	9.38	6.30	5.69	6.96	7.57
Leaf Tobacco.....	8.95	9.25	10.05	8.35	8.10	7.90	8.52	7.95	9.10	8.05	6.95
Pig Iron.....	19.50	17.00	14.50	19.00	21.50	15.00	18.50	18.00	11.50	11.50	12.50
Coal, delivered.....	12.20	12.75	11.50	13.18	11.75	10.50	10.91	9.50	3.05	8.10	8.40
Lead.....	7.25	6.65	4.50	6.45	4.10	4.07	4.20	4.46	3.77	3.55	2.81
Nails.....	1.98	1.90	1.92	2.30	2.50	2.30	2.54	2.04	1.48	1.69	2.38
Illuminating Oil.....	9.50	9.60	10.70	10.85	8.23	8.23	9.02	7.87	6.86	6.75	7.30
Lard Oil.....	68	58	61	73	78	66	54	48	45	38	46
Linseed Oil.....	40	44	41	41	59	63	63	44	39	32	35
Candles.....	9.40	9.00	9.23	9.36	9.50	9.52	8.17	6.98	6.72	6.57	7.44
Turpentine.....	70.00	66.25	60.50	59.15	49.84	38.24	49.48	48.69	34.61	29.34	29.35
Hay.....	15.46	12.10	13.00	15.40	13.35	13.60	13.95	10.10	8.67	9.80	12.20

NOTE.—Flour, Pork and Green Apples, dollars per barrel; Wheat, Corn, Oats, Potatoes, Beans and Coal, cents per bushel; Hams, Sides, Lard, Butter, Cheese, Sugar, Rice, Coffee, Dried Peaches, Dried Apples, Leather, Hides, Wool, Cotton, Tobacco, Lead and Candles, cents per pound; Cattle, Sheep and Hogs, dollars per 100 pounds; Molasses, Oils and Turpentine, cents per gallon; Pig Iron and Hay dollars per ton; Eggs, cents per dozen; Nails, dollars per keg. Prices of Leaf Tobacco and some other articles represent the general average.

GRAIN.

The records indicating receipts of Grain at Cincinnati in 1906 reflect a small decrease in the aggregate for local business, there being shown a decrease in the items of oats and barley, while arrivals of other grains were larger than for the preceding year. Exclusive of arrivals of Grain moving in transit, the total receipts for the year were 19,964,000 bushels, compared with 20,333,000 for 1905, and an annual average of 16,411,000 for five years prior to 1906. Compared with this annual average the past year shows a gain of 22 per cent. The total shipments of Grain for the past year other than of transit movement represented 13,019,000 bushels, compared with 12,134,000 for the preceding year, and an annual average of 8,554,000 for five years prior to 1906. The transit movement in 1906 represented 11,164,000 bushels of Grain, compared with 9,770,000 in 1905, and 4,550,000 in 1904.

The following compilation shows the aggregate annual receipts of Grain at Cincinnati for six years, including transit movement, representing bushels:

KINDS.	1906	1905	1904	1903	1902	1901
Wheat.....	4,126,822	8,196,191	2,124,447	2,830,468	4,988,822	4,111,548
Corn.....	12,793,810	11,826,222	12,848,217	10,458,465	7,820,048	11,783,145
Oats.....	12,090,482	18,478,767	6,084,074	5,890,504	5,888,009	9,280,765
Rye.....	650,806	623,758	601,928	520,695	523,024	612,206
Barley.....	1,466,624	1,484,779	1,088,886	886,755	817,909	1,094,427
Total.....	81,128,544	80,108,717	22,647,597	20,581,882	20,082,812	26,862,091

Prices of No. 2 Red Wheat in this market in 1906 ranged at 90@93 cents per bushel, averaging 81 cents, against 99 cents for 1905, and an annual average of 89 cents for five years prior to 1906. This market consumes locally a moderate amount of Wheat, the mills in the city and near by taking about 1,900,000 bushels during the year, of which about 1,200,000 represents mill arrivals not appearing in the local receipts.

Prices of No. 2 Corn ranged at 42@55½ cents per bushel, averaging 48 cents, against 52 cents for 1905, and an annual average of 53 cents for five years prior to 1906.

Prices of No. 2 Oats ranged at 30@43 cents per bushel, averaging 34 cents, against 32 cents for 1905, and an annual average of 36 cents for five years.

Prices of No. 2 Rye ranged at 58@72½ cents per bushel, averaging 66 cents, against 75 cents for 1905, and an annual average of 66 cents for five years.

Extra No. 3 Spring Barley quotations ranged at about 53@60 cents per bushel for the period of trade in this grain until the new crop began to move, the prices of which ranged at about 52@62 cents, September to the close of the year. The average price for the year was 57 cents, compared with 55 cents for 1905, and an annual average of 61 cents for five years prior to 1906.

The Grain crops of the United States in 1906 as estimated by the Department of Agriculture were as follows, in bushels: Wheat, 735,261,000; Corn, 2,927,416,000; Oats, 964,904,000; Barley, 178,916,000; Rye, 33,375,000; Buckwheat, 14,642,000—total, 4,854,514,000 bushels, a quantity not previously equaled, the annual average

for five years prior to 1906 being 4,000,000,000 bushels, the past year exceeding the annual average more than 21 per cent.

The Wheat crop of the world is estimated as follows, in bushels: 1906, 3,423,000,000; 1905, 3,338,000,000; 1904, 3,164,000,000; 1903, 3,230,000,000; 1902, 3,148,000,000—annual average for the five years, 3,260,000,000 bushels.

Statistical details appear on other pages.

FLOUR.

Flour receipts were somewhat increased in comparison with either of the two years preceding. The records indicate a total of 1,546,625 barrels, compared with 1,407,000 for 1905, and an annual average of 1,985,000 for five years prior to 1906. Shipments the past year were 998,344 barrels, compared with 903,000 for 1905, and an annual average of 1,501,000 for five years prior to 1906. The indicated local consumption of flour the past year was about 700,000 barrels.

The local manufacture of Flour was moderately increased in comparison with the preceding year. The reported total manufacture was 417,233 barrels—which includes some mills outside of city corporation limits. For 1905 the total was 381,935; for 1904, 252,615; for 1903, 431,067; for 1902, 416,300 barrels.

Stocks of Flour held by receivers and large dealers on January 1, 1907, were 57,881 barrels, compared with 63,024 at corresponding date in 1906, and an annual average of 50,700 for five years prior to 1907, for January 1.

Winter Family Flour at the opening of the year was quoted at \$3.35@3.60 per barrel, compared with \$4.25@4.60 at the beginning of the preceding year; in February there was a decline to \$3.20@3.40, and in March to \$3.10@3.35. There was subsequently some betterment in prices, until late in July, the prevailing position in August being \$3.00@3.25, and subsequently \$2.70@3.00 to the close of the year. The general average for this grade of Flour for the year was \$3.15 per barrel, compared with \$3.85 for 1905, and an annual average of \$3.35 for five years prior to 1906.

Spring Family Flour was quoted at \$3.70@3.90 early in the year, subsequently shaping to lower prices, with \$3.30@3.40 the prevailing position late in the year, the general average for the twelve months being \$3.50 per barrel, compared with \$4.20 for the preceding year, and an annual average of \$3.65 for five years prior to 1906.

Statistical details appear on other pages.

MILL FEED PRODUCTS.

Receipts of Mill Feed Products fell somewhat short of the preceding year, the indicated total being 44,692 tons, compared with 50,616 tons for 1905, and an annual average of 54,100 tons for five years prior to 1906. Shipments were 42,000 tons, compared with 42,271 for 1905. The market requirements for such products are variable under the changeable conditions from year to year affecting the need of such feeding material.

Prices were on an advanced position, the upward tendency continuing from January until May, with a reverse course until August, after which there was a

tendency to higher values. For the year the ranges of low and high prices were \$15.00@20.75 per ton for Bran, averaging \$18.00, compared with \$15.95 for 1905, and an annual average of \$17.15 for five years prior to 1906. For Coarse Middlings the extreme range was \$17.00@22.50, averaging \$19.40, compared with \$17.00 for 1905. For Fine Middlings the range was \$18.00@23.50, averaging \$20.70, compared with \$18.20 for 1905. The highest figures of the year were at the close.

LIVE STOCK.

Receipts of Live Stock in this market in 1906 represent an aggregate of 1,754,713 animals, compared with 1,880,845 for 1905, and an annual average of 1,671,000 for five years prior to 1906. The number for the past year represented 5 per cent more than the annual average for the five years, but fell short in the comparison with the preceding year.

Receipts of Hogs were 976,722; shipments 371,623, against 1,063,144 received, and 403,742 shipped in 1905. The highest price realized during the year was \$7.10 per 100 pounds, in July. The highest monthly average for good packing grades was also for July, \$6.80, and the lowest monthly average \$5.55, for January. The general average for the year of packing grades was \$6.40 per 100 pounds, compared with \$5.35 for 1905; \$5.25 for 1904; \$6.05 for 1903; \$6.80 for 1902; \$5.90 for 1901. For the past five years the general annual average is \$5.95, compared with \$4.45 for the preceding period of five years.

The course of prices of Hogs at Cincinnati is indicated in the following compilation, showing the highest points reached monthly, and the average prices of good packing grades, per 100 pounds, for five years:

MONTHS.	Top Prices.					Average Prices.				
	1906	1905	1904	1903	1902	1906	1905	1904	1903	1902
January.....	\$5 90	\$4 95	\$5 30	\$7 00	\$6 60	\$5 55	\$4 75	\$5 05	\$6 55	\$6 20
February.....	6 47	5 40	5 90	7 35	6 50	6 10	5 10	5 35	7 00	6 30
March.....	6 80	5 70	6 00	7 80	7 00	6 50	5 30	5 65	7 40	6 50
April.....	6 60	5 80	5 55	7 50	7 35	6 55	5 55	5 20	7 15	7 00
May.....	6 65	5 65	5 05	7 00	7 35	6 45	5 45	4 85	6 25	6 90
June.....	6 90	5 60	5 60	6 80	7 85	6 55	5 35	5 10	5 95	7 10
July.....	6 95	6 20	6 00	6 15	8 00	6 80	5 85	5 60	5 55	7 65
August.....	6 75	6 40	5 90	6 20	7 90	6 35	6 15	5 50	5 65	7 15
September.....	6 85	6 30	6 25	6 40	7 90	6 45	5 65	5 90	6 15	7 40
October.....	6 85	5 75	5 60	6 25	7 75	6 50	5 35	5 50	5 70	6 95
November.....	6 55	5 20	5 25	5 37	6 70	6 30	4 95	4 85	4 85	6 25
December.....	6 60	5 50	4 95	5 00	6 65	6 35	5 05	4 55	4 60	6 30

Receipts of Cattle for 1906 were 312,531, shipments 121,868, against 307,776 received, and 127,468 shipped in 1905. Prices gained irregularly until March, subsequently losing much of the improvement, but shaping better later in the year. The year's general average for fair to good butcher grades of stock was \$3.60 per 100 pounds, compared with \$3.45 for 1905, and an annual average of \$3.65 for five years prior to 1906.

Receipts of Sheep were 465,460, shipments 365,949, compared with 509,925 received, and 362,737 shipped in 1905. The average price of good Mutton Sheep was \$4.65 per 100 pounds, compared with \$4.45 for 1905, and an annual average of \$3.80 for five years prior to 1906.

The total value of Live Stock received at Cincinnati in 1906 was approximately \$23,500,000, compared with \$22,500,000 in 1905, \$18,900,000 in 1904, \$20,500,000 in 1903, and \$20,400,000 for 1902.

The average weight of Hogs weighed in 1906 at the Cincinnati Union Stockyards, was 183.72 pounds; of Cattle, 859.29; of Sheep, 74.27. For ten years prior to 1906 the annual averages were as follows: Hogs, 184; Cattle, 875; Sheep, 79 pounds.

Considerable business is done here in slaughtering Cattle and Sheep for the dressed meat trade, this product finding sale largely in Eastern markets, where the Cincinnati product has secured favor in competition with that from other markets.

The number of farm animals in the United States on January 1, 1907, as estimated by the Department of Agriculture, was as follows: Milch cows, 20,968,000; other cattle, 51,566,000; total cattle, 72,534,000; sheep, 53,240,000; swine, 54,794,000—total, 180,568,000, compared with 167,596,000 for 1906, 153,733,000 for 1905, 159,689,000 for 1904, and 172,652,000 for 1903.

Statistical details appear on other pages.

PROVISIONS.

For the year 1906 the average prices of Hog Product at Cincinnati were as follows: Dry Salted Short Rib Sides, \$8.85 per 100 pounds; Dry Salted Shoulders, \$7.80; Sugar Cured Hams, \$13.40; Prime Steam Lard, in tierces, \$8.30 per 100 pounds. For the preceding year the averages were as follows: Dry Salted Short Rib Sides, \$7.25; Dry Salted Shoulders, \$6.15; Sugar Cured Hams, \$11.60; Prime Steam Lard, \$6.95. In the comparison the past year shows a considerable advance in all articles, and a higher position of prices than for several years previously. The average cost of packing grades of hogs was approximately \$6.40 per 100 pounds, compared with \$5.35 for 1905, \$5.25 for 1904, \$6.05 for 1903, \$6.80 for 1902, and \$5.95 for 1901.

For the calendar year 1906, the local slaughtering of animals was approximately as follows: Hogs, 605,000; Cattle, 190,000; Sheep, 100,000—making a total of 895,000. For the preceding year the numbers were as follows: Hogs, 660,000; Cattle, 180,000; Sheep, 145,000—making a total of 985,000.

The following compilation shows the range and average prices of the various articles of Hog Product in this market for 1906; also the average prices for 1905, and for ten years, ending with 1906, with the lowest yearly and highest yearly averages within the period of ten years:

ARTICLES.	Range, 1906.	Average, 1906.	Average, 1905.	Average, 10 Years.	Lowest Average, 10 Years.	Highest Average, 10 Years.
Mess Pork.....	\$13.75@18.50	\$16 50	\$13 60	\$12 95	\$8 04	\$18 50
D. S. Short Rib Sides.....	7.12@ 9.75	8 85	7 25	7 15	4 19	9 80
D. S. Shoulders.....	6.00@ 8.25	7 80	6 15	6 25	4 09	8 25
Bacon, S. R. Sides.....	7.75@10.50	9 60	8 05	7 85	4 61	10 60
Bacon, S. C. Sides.....	8.00@10.75	9 85	8 30	8 05	4 84	10 80
Sugar-cured Hams.....	11.00@15.00	13 40	11 60	11 30	8 73	15 00
Lard, prime steam.....	7.20@ 9.10	8 30	6 95	6 90	4 02	9 90

Comparisons of the annual commercial supplies of Hogs are shown in the following compilation by the *Cincinnati Price Current*, exhibiting the number of Hogs packed in the West and the East, with receipts at New York, Philadelphia and Baltimore, for years ending March 1:

LOCALITIES.	1906-07	1905-06	1904-05	1903-04	1902-03	1901-02	1900-01
Packed in the West.....	25,480,000	25,575,000	23,918,000	22,875,000	20,605,000	25,411,000	23,601,000
Packed at Boston.....	1,289,000	1,208,000	1,302,000	1,252,000	1,450,000	1,406,800	1,370,000
Other New England packing..	600,000	597,000	618,000	633,000	625,000	720,000	736,000
Packed at Buffalo.....	625,000	606,000	623,000	541,000	455,000	332,000	348,000
Other Eastern packing.....	325,000	344,000	420,000	355,000	270,000	291,000	310,000
Receipts—New York, Phila- delphia and Baltimore.... }	2,759,000	2,948,000	2,815,000	2,461,000	1,840,000	2,285,000	2,620,000
Totals.....	30,978,000	31,278,000	29,691,000	27,617,000	25,245,000	30,395,000	28,980,000

Additional pork packing exhibits appear on other pages, as well as much of statistical details relating to the provision trade.

HAY.

Receipts of Hay in this market in 1906 were 220,874 tons, compared with 131,220 for 1905, and an annual average of 129,000 tons for five years prior to 1906.

The average price of No. 1 Timothy Hay the past year was \$15.45-per ton, compared with \$12.10 for 1905, and an annual average of \$13.50 for five years. At the close of the year the local prices ranged as follows: No. 1 Timothy, \$18.50; No. 2 Timothy, \$17.00; No. 3 Timothy, \$15.00@15.50; No. 1 Clover, \$16.50@17.00; No. 2 Clover, \$15.50@16.00; No. 1 Clover Mixed, \$16.00@16.50; No. 2 Clover Mixed, \$15.00@15.50.

The Hay crop of the United States as estimated by the Department of Agriculture was 60,531,000 tons in 1906, compared with 60,531,000 for 1905, and an annual average of 58,600,000 for five years prior to 1906.

Statistical details appear on other pages.

GRASS SEEDS.

There was an increase in receipts of Clover Seed for the calendar year, a decrease in Timothy Seed, and an increase in other kinds of Field Seeds, compared with the preceding year. For Clover Seed the receipts were 32,436 bags, compared with 27,440 for the preceding year, and an annual average of 35,300 bags for five years prior to 1906. For Timothy Seed the receipts were 35,439 bags, compared with 41,018 for the preceding year, and an annual average of 65,100 bags for five years. For other Grass Seeds the receipts were 119,478 bags, compared with 114,696 for the preceding year, and an annual average of 100,000 for five years. Shipments for the year were: Clover Seed, 23,263 bags; Timothy Seed, 28,029 bags; Other Field Seeds, 107,291 bags.

The year's average price of Clover Seed for lots on arrival was 11 cents per pound, the same as for the preceding year, and compared with 9.50 cents for five

years prior to 1906. The price per bushel for the year was \$6.60, and the annual average \$5.70 per bushel. For January, February and March the prevailing range of prices for Clover Seed was \$6.50@7.50 per bushel, declining later during the inactive months to as low as \$4.50@5.50, the new season under an understood short crop condition strengthening the market to \$6.00@7.00, and \$7.00@7.50 as the position for the last two months of the year.

Timothy Seed averaged \$1.50 per bushel for the year, compared with \$1.30 the preceding year, and an annual average of \$1.68 for five years. For the active part of early portion of the year the prevailing position was \$1.30@1.35 per bushel for prime, for lots on arrival, and for the new crop season, \$1.50@1.80 was the range.

The calendar year represents the latter part of one season's operations in Seeds, and the earlier part of another, so that it is not in strict agreement with what may be termed the crop year.

Statistical details appear on other pages.

DRIED FRUIT.

Receipts of Dried Fruit represented a smaller quantity than for several years previously, the reported total being 2,317,579 pounds, compared with 2,844,830 for the preceding year, and an annual average of 3,461,000 pounds for five years. Shipments were 1,185,479 pounds, against 1,266,342 for the preceding year, and an annual average of 1,690,000 for five years.

For California Dried Peaches the year's average price was 12.25 cents per pound, against 9.75 cents for 1905, and an annual average of 8.25 for five years prior to 1906. For Dried Apples the average was 4.90 cents per pound, against 4.50 for 1905, and an annual average of 4.20 for five years prior to 1906.

GREEN FRUIT.

Receipts of Apples in 1906 were fairly liberal in quantity, representing a total of 309,190 barrels, compared with 299,891 for the preceding year, and an annual average of 337,000 barrels for five years. Shipments were 120,847 barrels, compared with 145,948 for the preceding year, and an annual average of 163,300 for five years. Prices were high early in the year, choice fruit realizing \$4.50@5.00 per barrel. For the new crop comparatively low prices prevailed, \$1.50@1.75 per barrel representing the market position in the latter part of the year. For the entire year the general average price was \$3.20 per barrel, compared with \$3.05 for the preceding year, and an annual average of \$2.65 for five years.

Receipts of other Green Fruit, including Peaches, Pears, Cherries, Plums and Berries, were 48,057 tons, compared with 23,733 for 1905, and an annual average of 21,400 for five years prior to 1906.

Receipts of Oranges and Lemons were fairly liberal. Prices of Oranges averaged \$3.50 per box, against \$3.20 for 1905, and \$2.65 for 1904. Prices of Lemons averaged \$4.50 per box, against \$3.80 for 1905, and \$2.75 for 1904.

Statistical details appear on other pages.

POTATOES.

Receipts of Potatoes were somewhat in excess of the preceding year, but not equal to some years previously. The recorded receipts indicate a total of 1,580,763 bushels, compared with 1,548,426 for the preceding year, and an annual average of 1,782,800 for five years. Shipments for the year were 529,728 bushels, compared with 629,370 bushels for 1905. The general average of prices for the year was 65 cents per bushel, compared with 45 cents for the preceding year, and an annual average of 61 cents for five years. Comparatively high prices prevailed a large part of the year. Toward the close the position for lots on arrival were as low as 45@47 cents per bushel.

The Department of Agriculture estimate of the Potato crop of the United States in 1906 indicates 308,038,000 bushels, compared with 260,741,000 for 1905, and an annual average of 262,600,000 bushels for five years prior to 1906.

Statistical details appear on other pages.

BUTTER AND BUTTERINE.

The reported receipts of Butter for 1906 represent a total of 204,811 tubs, compared with 154,605 for 1905, thus indicating a considerable increase, but not equaling some earlier years. The annual average for five years prior to 1906 is 176,600. Shipments for the year were 94,473 tubs, against 68,297 for 1905.

The year's general average price of Creamery Butter was 24.25 cents per pound, compared with 23.95 cents for the preceding year, and an annual average of 21.35 cents for five years. In the early part of the year the range was 26½@27 cents, and 27@28 cents, receding to 21@22 cents, and as low as 19@20 cents with the supplies of the new season, followed by a considerable advance, 26@27 cents representing the position in October, and 31½@32½ cents in the latter part of December. For Dairy Butter the general average for the year was 15 cents per pound, compared with 15.85 cents for the preceding year, and a general average of 13.70 cents for five years.

Considerable Butter comes to this market by wagons from near-by localities, and by suburban electric car lines, of which there is no record. There are some lots sent out through such channels without record.

Butterine receipts were 869,261 pounds in 1906, compared with 815,439 for 1905. The reported shipments indicate 1,553,727 pounds, against 1,117,864 pounds for 1905. There is considerable distribution of such products by outgoing express lines and suburban electric cars, for which the Chamber of Commerce has no record. The year's average price was 13.25 cents per pound, compared with 13.25 for 1905, and an annual average of 14.00 cents for five years.

Statistical details appear on other pages.

GROCERIES.

Receipts of Coffee in 1906 were 269,614 bags, compared with 297,795 for 1905, and an annual average of 291,000 bags for five years prior to 1906. Shipments

were 239,745 bags, compared with 261,061 for 1905, and an annual average of 235,000 for five years. The price of Coffee made some advance early in the year, then receded, and this was repeated later on, with a lower position of values late in the year than earlier. "Fair" Rio Coffee sold at 9@10½ cents per pound, averaged 9.90 cents, compared with 10.25 cents for 1905, and an annual average of 9 cents for five years prior to 1906.

Receipts of Sugar in 1906 were 277,485 barrels, compared with 290,253 barrels for 1905, and an annual average of 292,000 barrels for five years prior to 1906. For Hards the position at the opening of the year was 5.00@5.73 cents per pound, subsequently moving up a little, without wide variation during the year, the general average being 5.50 per pound, compared with 6.20 cents for 1905, and an annual average of 5.70 cents for five years prior to 1906. The year closed moderately higher than at the opening, the lowest position being 4.90@5.60 cents, the highest 5.40@6.20 cents.

Receipts of Rice in 1906 were 44,495 barrels, compared with 50,220 barrels for 1905, and an annual average of 69,000 for five years prior to 1906. Shipments were 23,319 barrels, compared with 29,232 barrels for 1905, and an annual average of 46,000 barrels for five years.

Returns to the Chamber of Commerce represent the sales of a large proportion of the local dealers in Groceries, and indicate for 1906 an average gain of about 4½ per cent in comparison with the preceding year. This implies a total for all dealers amounting to \$28,000,000, which compares with \$26,900,000 for 1905, and an annual average of \$24,545,000 for five years prior to 1906. This makes it appear that the volume of business in value the past year was more than 14 per cent greater than the annual average for the five years previously.

Statistical details appear on other pages.

CHEESE.

Receipts of Cheese for the year were 162,414 boxes, compared with 142,148 boxes for the preceding year, and an annual average of 133,000 boxes for five years prior to 1906. Shipments were 102,151 boxes, against 100,170 boxes for 1905. Ohio Cheese ranged at 11@13½ cents per pound, averaging 12.80 cents, compared with 12.60 cents for 1905, and an annual average of 11.05 cents for five years prior to 1906. In the early part of the year the price was 13½ cents; the season of new product opened at 11 cents, subsequently advancing, ruling at 13 cents in September and October, and 13½@13¾ cents in November and December.

Statistical details appear on other pages.

EGGS.

Receipts of Eggs in 1906 were 484,208 cases, compared with 420,604 cases for 1905, and an annual average of 419,000 cases for five years prior to 1906. Shipments were 358,603 cases, compared with 311,396 cases for 1905, and an annual average of 253,000 cases for five years. Prices had considerable fluctuation, having a range of 13@24 cents per dozen in the first three months, 14@16½ cents in the second three months, 14@21 cents in the third three months, 22@29 cents in the

last three months of the year. These prices are based on weekly quotations. The general average price for the year was 18.35 cents per dozen, compared with 19.50 cents for 1905, and an annual average of 17.95 cents for five years.

Statistical details appear on other pages.

FEATHERS.

Receipts of Feathers in 1906 were 1,206,225 pounds, compared with 1,322,101 pounds for 1905, and an annual average of 1,128,000 pounds for five years prior to 1906. Shipments were 1,173,623 pounds, against 1,122,627 for 1905, and an annual average of 933,000 pounds for five years. Prices ranged at 50@52 cents per pound, with 50 cents the figure for most of the year, which without recognizing fractions, represents the average for the year, compared with 47 cents for 1905, and an annual average of 47 cents for five years prior to 1906.

This city has the most complete modern factory in the feather and down business in the world, and this market is an attractive one in this line, for shippers and buyers.

Statistical comparisons appear elsewhere in this report.

WOOL.

Receipts of Wool in 1906 were 152,615 bales, compared with 120,053 bales in 1905, and an annual average of 92,000 bales for five years prior to 1906. Shipments for the year were 154,803 bales, compared with 120,842 bales for the preceding year, and an annual average of 99,000 bales for five years. Additions to the supply from pelts locally handled account for shipments being in excess of receipts. For Ohio Fleece Wool, washed combings, the average price for the year was about 35 cents per pound, compared with 36.75 cents for 1905, and an annual average of 27.80 cents for five years prior to 1906. Market conditions were steady but quiet during January, February and March. In April and May, when the shearing time commenced, there was a strong market throughout the Wool trade, and prices here were advanced 1@2 cents per pound. This, however, was followed by reaction in June, with a loss of the advance. Subsequently the market was unsatisfactory and prices suffered a decline, but were firmer toward the close of the year.

Statistical details appear on other pages.

TALLOW.

Receipts of Tallow in 1906 were 67,227 barrels and tierces, compared with 65,953 in 1905, and an annual average of 59,000 for five years prior to 1906. Shipments were 5,818 barrels and tierces, against 6,785 for 1905, and an annual average of 6,300 for five years. The general average price for the year was 5.40 cents per pound, compared with 4.65 cents for 1905, and an annual average of 5.35 for five years prior to 1906. The local market was comparatively steady during

the first half of the year, at $5\frac{1}{2}$ @ $5\frac{1}{2}$ cents as the low position, and $5\frac{3}{4}$ @ $5\frac{1}{2}$ cents the higher quotations, during this period. Subsequently there was a shaping moderately upward.

Statistical comparisons appear elsewhere in this report.

HIDES.

Receipts of Hides in 1906 were in excess of any previous year. The records show a total of 824,752 compared with 693,229 for 1905, and an annual average of 665,000 for five years. Shipments were 745,426, compared with 593,693 for 1905, and an annual average of 545,000 for five years. Local slaughtering furnished about 190,000 Cattle Hides for the year, and also a large number of Calf Skins, Sheep Skins, etc. No. 1 Wet Salted Hides sold at $10\frac{1}{4}$ @ $12\frac{1}{4}$ cents per pound during the year, the latter part of the year being higher than the earlier part, the general average indicating 11.70 cents per pound, compared with 10.50 cents for 1905, and an annual average of 8.20 cents for five years.

At the close of the year the various classifications of Hides in this market were quoted as follows, per pound: No. 1 Wet Salted, 11 @ $11\frac{1}{2}$ cents; No. 2 Wet Salted, 10 @ $10\frac{1}{4}$; No. 1 Bull, 9; No. 2 Bull, 8; No. 1 Dry Flint, 17 @ $17\frac{1}{2}$; No. 1 Dry Salted, 17 @ $17\frac{1}{2}$. Green Hides generally 1 cent per pound lower than Wet Salted.

Statistical comparisons appear on other pages.

LEATHER.

Receipts of Leather in 1906 were 221,516 bundles, compared with 256,136 for 1905, and an annual average of 269,000 for five years prior to 1906. Shipments were 189,152 bundles, compared with 232,737 for 1905, and an annual average of 212,000 for five years.

Local tanneries are large producers of Leather. The local slaughtering for the year added 190,000 Cattle Hides to the supply of unfinished stock, besides a large number of Calf Skins, Sheep skins, etc. The extensive shoe manufacturing industry here, as well as the large production of harness and saddlery, makes this an important market for Leather, made locally and elsewhere.

The average price of oak-tanned Sole Leather for the year was 30.35 cents per pound, against 30.15 for 1905, and an annual average of 29.80 cents for five years prior to 1906.

Statistical details appear on other pages.

OILS.

Lard Oil sold at 58@60 cents per gallon during most of the first half of the year, and 67@68 cents in the last half, averaging 63 cents, compared with 58 cents for 1905, and an annual average of 67 cents for five years.

Linseed Oil sold at 40@43 cents per gallon early in the year, subsequently declining, and later regaining the loss. The general average price for the year was 40 cents per gallon, for one to five barrel lots, compared with 44 cents for 1905, and an annual average of 50 cents for five years.

Carbon Oil (illuminating) sold at 9½ cents per gallon, throughout the year, compared with an average of 9.60 cents for 1905, and an annual average of 9.50 cents for five years.

Petroleum receipts in 1906 were 305,768 barrels, compared with 261,032 for 1905, and an annual average of 292,000 for five years prior to 1906. Shipments were 116,746 barrels, against 95,516 for 1905, and an annual average of 109,000 for five years prior to 1906.

Local houses sell Petroleum largely for direct shipment, not included in these records.

Statistical details appear on other pages.

* SALT.

The reported arrivals of Salt in 1906 represented a total of 473,728 barrels (of 280 pounds), compared with 472,233 for 1905, and an annual average of 415,000 for five years. Shipments were 375,388 barrels, compared with 353,893 for 1905, and an annual average of 308,000 for five years. Quotations for Ohio River and Kanawha Salt, for car lots on arrival sold at 85, 90 and 95 cents per barrel, averaging 92 cents for the year, compared with 87 cents for 1905, and an annual average of 89 cents for five years.

HOPS.

Receipts of Hops in 1906 were 9,594 bales, compared with 8,283 for 1905, and an annual average of 8,100 for five years prior to 1906. Shipments were 3,825 bales, against 1,325 for 1905. For the first three months of the year the range of prices was 12@14½ cents per pound; for the second period of three months, 12@17 cents; for the third period, 14@18 cents; for the fourth period, 17@18½ cents. The average for the year was 15.30 cents per pound, compared with 24.15 cents for 1905, and an annual average of 23.60 cents for five years.

Comparative receipts and shipments and annual prices appear on other pages.

WHISKY.

The receipts of Whisky in 1906 were 219,625 barrels, compared with 217,392 for 1905, and an annual average of 304,000 barrels for five years. Shipments were 405,707 barrels, compared with 405,310 for 1905.

Returns of production of Distilled Spirits in Cincinnati and the immediate vicinity in 1906 indicate a total of 10,921,366 gallons, compared with 8,177,071 for 1905, and an annual average of 9,842,000 for five years prior to 1906.

The total quantity of Whisky represented by local production and receipts for the year was 21,463,366 gallons, compared with 18,611,887 for 1905, and an annual average of 24,429,000 for five years prior to 1906. The approximate valuation for 1906 was \$27,242,000 against \$23,382,000 for 1905, and an annual average of \$30,800,000 for five years prior to 1906.

The production of Rectified Spirits in 1906 was slightly decreased, amounting to 15,382,595 gallons, compared with 15,730,015 for 1905, and an annual average of 15,097,000 for five years prior to 1906.

The basis price of Finished Spirits in this market at the close of 1905 was \$1.30 per gallon. The changes during 1906 were as follows: January 3, \$1.29; February 15, \$1.28; May 3, \$1.29; the latter continuing during the remainder of the year. The general average for the year was \$1.28½ per gallon against \$1.26½ for 1905, and an annual average of \$1.28 for five years prior to 1906.

Statistical details appear on other pages.

BEER, ALE, ETC.

The local production of Malt Liquors in 1906 was considerably increased over the high record of the preceding year, the total indicating 1,779,136 barrels, compared with 1,665,581 for 1905, and an annual average of 1,455,000 barrels for five years prior to 1906. Receipts were 49,010 barrels against 64,154 barrels for 1905. Shipments were 590,731 barrels, compared with 667,890 for 1905, and an annual average of 506,000 for five years prior to 1906.

The indicated local consumption of Malt Liquors for the year, for this city and vicinity, was 1,237,000 barrels, representing 38,347,000 gallons, which quantity, if applied to 585,000 as the population, would imply 65 gallons per capita, or over \$25.50 per capita as the average expenditure. Retailers paid out about \$7,900,000 for the quantity handled by them during the year.

Statistical details appear on other pages.

COAL AND COKE.

For the calendar year 1906 the receipts of Coal at Cincinnati, according to returns to and records of the Chamber of Commerce, represented a total of 173,957,000 bushels, compared with 160,820,000 bushels for 1905, and an annual average of 117,470,000 bushels for five years prior to 1906. These comparisons indicate for 1906 a gain of 8 per cent over the preceding year, and of 48 per cent over the annual average for five years.

Receipts of Coal by river in 1906 were decidedly reduced in comparison with the preceding year, when they were exceptional in quantity. For 1906 the river receipts were 56,739,000 bushels, compared with 72,935,000 bushels for 1905, and an annual average of 56,666,000 bushels for five years. The large arrivals for 1905 embraced delayed shipments from 1904, when the quantity which came forward was reduced by interruption by low water. It therefore is evident that the river movement in 1906 was fully up to the average of a series of recent years.

Receipts of Coal in 1906 by railroad were much in excess of any previous record, indicating a total of 117,218,000 bushels, compared with 87,885,000 bushels for 1905, and an annual average of 60,803,000 bushels for five years prior to 1906.

Shipments of Coal in 1906 by river were 5,833,000 bushels, compared with 6,433,000 bushels for 1905, and an annual average of 4,798,000 bushels for five years prior to 1906. Shipments by railroad in 1906 were 93,212,000 bushels, compared with 57,541,000 bushels for 1905, and an annual average of 37,595,000 for five years. Total shipments for the year 99,045,000 bushels, compared with 58,974,000 bushels for 1905, and an annual average of 41,393,000 bushels for five years prior

to 1906. What proportion of the reported shipments by railroad represent through movement in distinction from Coal received by local dealers and sold for shipment, can not be definitely stated.

The receipts of Coal in 1906 were about 33 per cent by river and 67 per cent by railroad. For a period of five years previously river receipts represented about 48 per cent, and railroad receipts 52 per cent.

Prices of Coal afloat from the Pittsburg and Kanawha districts ranged at $7\frac{1}{2}$ @ $8\frac{1}{2}$ cents per bushel, at Cincinnati, with an average of 7.80 cents for the year. For Run of Mine Coal from the Pittsburg district the prevailing price was $7\frac{1}{4}$ cents per bushel; for Nut and Slack, $5\frac{1}{2}$ @6 cents per bushel. Kanawha Nut and Slack about 5 @ $5\frac{1}{2}$ cents per bushel. The price of Lump Coal, for both Pittsburg (Youghiogeny) and Kanawha, delivered to consumers, was \$3.25 per ton for about half of the year, and \$3.50 for the remaining time, making an average of \$3.38 per ton, compared with \$3.35 for 1905. On the bushel basis the average for 1906 was 12.20 cents, compared with 12.05 cents for 1905, and an annual average of 11.80 cents for five years prior to 1906, for deliveries to consumers. For Nut and Slack the range was mainly \$1.90@2.25 per ton for deliveries to consumers, with \$1.90@2.00 the prevailing range.

Anthracite Coal is but moderately consumed in this market, the total receipts in 1906 being 792,000 bushels, compared with 545,000 bushels for 1905, and an annual average of 545,000 bushels for five years prior to 1906. The price for lots delivered to consumers was \$7.50 per ton throughout the year.

The local consumption of Coal, as near as can be estimated upon statements of dealers, has been pretty evenly divided between industrial and household requirements, with a tendency of enlargement of the industrial proportion, so that probably 55 per cent is not too high to estimate such consumption for 1906.

For the year 1906 the local gas works consumed Coal to the extent of 222,819 tons of 2,000 pounds, or 6,190,000 bushels. There were sent out from the works during the year 2,468,000,000 cubic feet of gas, and the product of electric current represented 35,615,000 kilowatts. Compared with the preceding year there was an increase of about 13 per cent in Coal consumed, 14 per cent in quantity of gas sent out, and 21 per cent in product of electric current.

The yearly range and average prices of Pittsburg Coal, afloat and delivered, per bushel, based on weekly records, compare for a series of years as shown in the following compilation:

YEARS.	AFLOAT.			DELIVERED.		
	Lowest.	Highest.	Average.	Lowest.	Highest.	Average.
1895.....	$5\frac{1}{2}$	$6\frac{1}{2}$	6.00	$8\frac{1}{2}$	$10\frac{1}{4}$	9.11
1896.....	$5\frac{1}{2}$	6	5.73	$8\frac{1}{2}$	9	9.00
1897.....	$5\frac{1}{2}$	$5\frac{3}{4}$	5.70	$5\frac{3}{4}$	$10\frac{1}{4}$	8.40
1898.....	5	6	5.66	$7\frac{1}{2}$	9	8.10
1899.....	$4\frac{1}{2}$	$7\frac{1}{2}$	5.30	$8\frac{1}{2}$	$11\frac{1}{4}$	8.05
1900.....	$7\frac{1}{2}$	8	7.50	$10\frac{1}{4}$	$11\frac{1}{4}$	9.50
1901.....	$6\frac{1}{2}$	8	7.50	9	$10\frac{1}{4}$	10.90
1902.....	$6\frac{1}{2}$	10	7.92	10	$14\frac{1}{2}$	10.55
1903.....	9	10	9.25	$12\frac{1}{2}$	$14\frac{1}{2}$	11.75
1904.....	8	9	8.50	$10\frac{1}{4}$	$13\frac{1}{2}$	13.18
1905.....	8	8	8.00	$11\frac{1}{4}$	$12\frac{1}{2}$	11.50
1906.....	$7\frac{1}{2}$	$8\frac{1}{2}$	7.80	$11\frac{1}{4}$	$12\frac{1}{2}$	12.20

Coal from the Kanawha, Virginia and West Virginia regions, sells at the same, or about the same prices, as are obtained for the product from the Pittsburg district. Sales afloat are on the bushel basis, 72 pounds; sales delivered are on the ton basis, 2,000 pounds, and represent screened or lump grade.

The receipts of Coke for the year were 5,502,000 bushels, and the quantity locally manufactured was 8,000,000 bushels, making a total of 13,502,000 bushels, compared with 11,799,000 bushels the preceding year. For city manufacture the average price for the year was $10\frac{1}{2}$ cents per bushel; of gas-house, 9 cents; of Connellsville, \$6.50 per ton.

Statistical data appear in tables elsewhere in this report.

PIG IRON.

Cincinnati has the distinction of being the market of largest sales of Pig Iron, the business of houses located here representing a total, including sales for direct shipment without appearing in the local receipts, which exceeds that of any other market in the country.

Local receipts of Pig Iron in 1906 were 620,539 tons, compared with 588,297 tons for 1905, and an annual average of 626,000 for five years prior to 1906. Shipments in 1906 were 471,412 tons, compared with 383,975 tons for 1905, and an annual average of 512,000 for five years.

Sales of Pig Iron by local houses in 1906 for direct shipment to delivery points were 1,160,000 tons, compared with 1,155,000 tons for 1905, and an annual average of 1,145,000 for five years.

The value of the total receipts of Pig Iron in 1906, and sales by local dealers for direct shipment, represents approximately \$34,700,000, compared with \$29,600,000 for 1905, and an annual average of \$30,800,000 for five years.

Prices of Pig Iron were not strikingly changed during the first eight months of the year, but there was a marked advance later, so that from \$17.00 as the average for Southern Coke No. 2 Foundry Iron in January there was an advance to \$23.75 as the average for December, and a general average of \$18.40 per ton for this grade of Iron, for the year, compared with \$15.90 for 1905, and an annual average of \$16.00 for five years.

For Lake Ore Coke No. 2 Foundry Iron the range for the year was \$17.40@26.15 per ton, averaging \$19.75, compared with \$17.00 for 1905, and an annual average of \$17.70 for five years.

For Hanging Rock Charcoal No. 1 Iron the range of quotations was \$26.65@32.15 per ton, averaging \$27.45, compared with \$25.50 for 1905, and an annual average of \$25.70 for five years.

The average price of Anthracite Foundry Pig Iron at Philadelphia in 1906 was \$20.98 per ton, compared with \$17.88 for 1905, and an annual average of \$18.30 for five years prior to 1906.

The production of Pig Iron in the United States in 1906 largely exceeded any previous record, representing a total of 22,992,380 tons of 2,240 pounds, compared 22,992,380 tons for 1905, and an annual average of 18,240,000 tons for five years.

Statistical data appear in tables elsewhere in this report.

MANUFACTURED IRON AND STEEL.

Receipts of Manufactured Iron and Steel in 1906 were considerably enlarged in comparison with 1905, showing a total of 528,692 tons, against 445,147 for the preceding year, and an annual average of 377,000 for five years prior to 1906.

The following compilation shows annual average prices of Bessemer Pig Iron, at Pittsburg; best Rolled Bar Iron, at Pittsburg; Steel Billets, at Pittsburg; Steel Rails, at mills in Pennsylvania; Wire Nails, at Chicago (f. o. b.), carload lots:

ARTICLES.	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897
Bessemer Pig Iron, per ton ...	\$19 54	\$16 36	\$13 76	\$18 98	\$20 67	\$15 98	\$19 49	\$19 03	\$10 38	\$10 13
Rollad Bar Iron, per ton.....	43 21	41 89	38 17	39 59	43 58	40 38	48 12	48 75	28 98	24 73
Steel Billets, per ton.....	27 45	24 03	22 18	27 91	30 57	24 13	25 06	31 12	15 31	15 08
Steel Rails, per ton.....	28 00	28 00	28 00	28 00	28 00	27 33	32 29	28 12	17 62	18 75
Wire Nails, per 100 pounds ...	1 98	1 98	1 98	2 13	2 15	2 41	2 76	2 57	1 45	1 45

Statistical data appear in tables elsewhere in this report.

COTTON.

Receipts of Cotton at Cincinnati in 1906, as reported, were 146,454 bales, compared with 176,076 for 1905, and an annual average of 168,000 bales for five years prior to 1906. Shipments were 123,469 bales, compared with 149,299 for 1905, and an annual average of 154,000 bales for five years. These figures are not to be accepted as specifically accurate, for there are features incident to securing reports locally of the cotton movement which admit of something of error in the records. Cincinnati is not a cotton market, the arrivals here largely representing through movement. The local consumption of Cotton is 15,000 to 18,000 bales annually. Market prices here are governed by New York quotations.

At New York, Middling Upland Cotton for spot delivery in 1906 was as low as 9.60 cents per pound in September, and as high as 12.25 cents per pound in January. For the year the general average was about 11.00 cents per pound, compared with 9.50 for 1905, 12.10 for 1904, 10.25 for 1903, and 8.75 for 1902.

The Cotton crop of the United States for the year ending September 1, 1906 (grown in 1905), as estimated by the *New York Financial Chronicle*, was 11,319,860 bales compared with 13,556,841 for the preceding year, and 10,123,686 for 1903-04. The annual average for five years prior to 1905-06 was 11,113,000 bales. The average gross weight of bales for 1905-06 was 511.38 pounds, compared with 516.10 pounds for 1904-05, and 507.86 for 1903-04. The area in Cotton, as estimated by, the *Financial Chronicle*, has been as follows: 1905-06, 28,808,000 acres; 1904-05, 32,364,000 acres; 1903-04, 28,996,000 acres; 1902-03, 27,300,000 acres, 1901-02 27,874,000 acres; 1900-01, 26,534,000 acres.

Statistical data appear in tables elsewhere in this report.

LUMBER.

The records for 1906 indicate receipts of 74,986 cars of Lumber, compared with 68,804 for 1905. For five years prior to 1906 the annual average was 73,000. Shipments were 58,599 cars, against 54,876 for 1905, and an annual average of

53,000 for five years. Satisfactory quotations for Lumber are not available. Prices were advanced during the year, understood to be equal to \$3.00@5.00 per 1,000 feet on most classes.

SOAP.

The manufacture of Soap is one of the most prominent of the industries of Cincinnati, and it is to be regretted that precise statements can not be offered of the output of local factories. The principal works being located beyond the corporation limits precludes reference to Census Office data for an indication. Reports of shipments of soap are liable to be more or less incomplete, in connection with movement of commodities by wholesale grocery houses. The reported shipments for 1906 indicate a total of 3,140,129 boxes, compared with 3,067,590 for 1905, and an annual average of 2,785,000 boxes for five years prior to 1906. Calculations upon such basis as has been available in regard to the quantity of Soap produced here yearly point to about 315,000,000 pounds for 1906, compared with 300,000,000 for 1905, 275,000,000 for 1904, 250,000,000 for 1903, 235,000,000 for 1902, 225,000,000 for 1901. The value of Soap made at Cincinnati in 1906 was about \$21,000,000.

LEAF AND MANUFACTURED TOBACCO.

Receipts of Leaf Tobacco at Cincinnati in 1906 were 72,379 hogsheads, and 62,366 cases and bales, compared with 77,537 hogsheads and 64,031 cases and bales for 1905. For five years prior to 1906 the annual average was 72,000 hogsheads and 57,000 cases and bales. Shipments for the year were 59,763 hogsheads and 50,884 cases and bales.

At the auction warehouses the receipts of the year were 55,380 hogsheads, offerings 70,355, rejections 14,691, sales 55,664, cash amount of sales \$5,987,742, stocks remaining at the end of the year 8,955 hogsheads.

The sales at the auction warehouses in 1906 represented an average of \$8.95 per 100 pounds, compared with \$9.25 for 1905, and an annual average of \$8.75 for five years prior to 1906. The comparisons of general average prices realized do not necessarily reflect relative prices of equal grades, for the proportionate sales of the lower and higher grades is variable from year to year.

The value of the total arrivals of Leaf Tobacco in 1906 was approximately \$10,000,000, compared with \$11,000,000 for 1905.

The local manufacture of Chewing and Smoking Tobacco was 10,713,000 pounds, compared with 11,462,000 for 1905, and an annual average of 9,930,000 for five years prior to 1906. The local manufacture of Cigars was 188,419,000, compared with 181,224,000 for 1905, at an annual average of 235,510,000 for five years prior to 1906.

Receipts of Manufactured Tobacco in 1906 were 145,371 packages, compared with 160,187 for 1905, and an annual average of 182,000 for five years prior to 1906. Shipments were 215,531 packages, compared with 248,736 for 1905, and an annual average of 230,000 for five years prior to 1906.

The Tobacco crop of 1906 is estimated by the Department of Agriculture as 682,428,000 pounds, from 796,100 acres, against 633,033,000 pounds, from 776,100 acres in 1905, the average price being estimated at 10 cents per pound for 1906, against 8.45 cents for 1905.

Statistical data appear in tables elsewhere in this report.

VEHICLE MANUFACTURING.

The manufacture of Vehicles at Cincinnati in 1906 in the light of incomplete returns, although representing a liberal proportion of the business, appears to have been about the same as for the preceding year in value of the output of the factories, some of which report as high as 20 and 25 per cent increase, and others 10, 15 and 20 per cent decrease, and still others about the same as for the preceding year, these including some of the larger establishments. The information received does not appear to justify any essential change, so the total value may be regarded as approximately \$10,500,000, compared with \$10,500,000 for 1905, and an annual average of \$9,100,000 for five years prior to 1906.

In the production of the lighter classes of Vehicles, Cincinnati has become especially distinguished. They are shipped to all portions of the country, and to some extent exported to foreign countries. It is claimed for this city that its output of Vehicles exceeds that of any other place in the country. The economies and advantages incident to use of the most improved machinery in manufacture, the high quality of materials used, and the skill and taste displayed among manufacturers of such goods here, have combined to give fame to this market for Vehicles locally manufactured. The central position of Cincinnati in its relation to transportation communication with all sections of the country, and advantages commanded by our manufacturers for securing material economically and of high degree of excellence, are important elements in favor of this market in this line of industry.

The manufacture of Automobiles has made considerable headway in this city, and gives promise of assuming considerable importance.

BOOTS AND SHOES.

The local industry in manufacture of Shoes was active in 1906, with considerable increase in value of the output of the factories. From information received by the Chamber of Commerce the value product of local concerns for the year appears to have been about \$19,500,000, or about 8 per cent increase over the preceding year, estimated at \$18,000,000.

About nine-tenths of the local manufacture represents Women's Shoes. The aggregate of sales by producers and dealers for the past year, as indicated by returns to the Chamber of Commerce, was about \$28,000,000, compared with \$26,000,000 for 1905, and an annual average of \$24,000,000 for five years prior to 1906.

Shoes of Cincinnati manufacture find market largely in the South, and are popular for their excellence of quality.

The following compilation shows approximately the value of yearly sales of Boots and Shoes by manufacturers and dealers at Cincinnati, according to special returns to the Chamber of Commerce:

1895.....\$12,580,000	1899.....\$17,250,000	1903.....\$24,750,000
1896.....11,350,000	1900.....19,325,000	1904.....25,000,000
1897.....14,150,000	1901.....21,250,000	1905.....26,000,000
1898.....15,500,000	1902.....22,950,000	1906.....28,000,000

CLOTHING.

The large proportions of the local trade in Clothing were maintained in 1906, but the increase in value of product was moderate. The output of local establishments is estimated as about \$17,500,000 for men's wear, and \$3,000,000 for women's wear. Total sales of local dealers for the year, as indicated by returns to the Chamber of Commerce, reached a total of about \$31,000,000, compared with \$30,000,000 for 1905, and an annual average of \$27,800,000 for five years prior to 1906. These sales include considerable Clothing received from other sources.

The following indicates approximately the value of yearly sales of Clothing by manufacturers and dealers at Cincinnati, according to special returns to the Cincinnati Chamber of Commerce:

1888-89.....\$18,510,000	1895.....\$19,650,000	1901.....\$24,750,000
1889-90.....21,060,000	1896.....18,875,000	1902.....25,975,000
1890-91.....23,220,000	1897.....20,750,000	1903.....28,060,000
1891-92.....23,450,000	1898.....21,250,000	1904.....29,500,000
1893.....21,725,000	1899.....23,150,000	1905.....30,000,000
1894.....18,700,000	1900.....25,575,000	1906.....31,000,000

DRY GOODS.

There was quite a gain in value of Dry Goods sold in this market in 1906 in comparison with the preceding year, estimated at about 9 per cent from information received by the Chamber of Commerce, largely attributable to advances in prices of product. The total sales for the year appear to represent about \$48,000,000, compared with \$44,000,000 for 1905, and an annual average of \$42,000,000 for five years prior to 1906. In the returns from the houses in this line it is not practicable to determine as to what extent the reported sales may in fact include other goods, which may represent a considerable amount, but for general comparison the results reached may be accepted as fair approximation.

The following indicates approximately the value of yearly sales of Dry Goods by the trade at Cincinnati, according to special returns to the Cincinnati Chamber of Commerce, for the years stated:

1888-89.....\$31,385,000	1895.....\$33,625,000	1901.....\$38,025,000
1889-90.....34,965,000	1896.....31,475,000	1902.....41,000,000
1890-91.....36,800,000	1897.....34,850,000	1903.....48,750,000
1891-92.....37,450,000	1898.....34,500,000	1904.....48,500,000
1893.....35,575,000	1899.....39,125,000	1905.....44,000,000
1894.....32,685,000	1900.....37,150,000	1906.....48,000,000

The wholesale Dry Goods merchants of Cincinnati maintain full and superior assortments of goods, which are offered at relatively low prices. This policy has enabled our merchants to maintain a strong position in the competition for meeting the wants of dealers in towns less populous in the Ohio Valley and contiguous territory.

The following compilation shows yearly average prices of Middling Cotton and staple manufactures of Cotton at New York, for a series of years:

ARTICLES.	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897
Middling Cotton, per lb.....	11.50	9.80	11.75	11.18	9.00	8.75	9.25	6.88	5.94	7.00
Standard Sheatings, per yard..	7.25	7.00	7.13	6.25	5.48	5.54	6.05	5.28	4.20	4.73
Standard Drillings, per yard..	7.37	7.00	7.81	6.37	5.52	5.48	5.95	5.13	4.10	4.75
Bleached Shirtings, per yard..	10.93	9.00	10.50	10.75	10.50	10.25	10.75	9.50	8.00	9.25
Standard Prints, per yard.....	5.12	4.75	5.00	5.00	5.00	4.62	5.00	4.25	3.96	4.70
Printing Cloths, per yard.....	8.63	3.13	3.44	3.25	3.11	2.84	3.21	2.69	2.06	2.48

FURNITURE, OFFICE FIXTURES, ETC.

The local business in Furniture, Office Fixtures, and kindred equipments, during the past year, so far as can be judged from returns received by the Chamber of Commerce, was about 8 per cent in excess of the preceding year.

The local production of Furniture embraces all classes of furnishings for residences, offices, banks, hotels, restaurants, saloons, etc., and this market has maintained a high reputation for the tasteful designs and quality of work turned out.

In the manufacture of Office Fixtures this city is undoubtedly first in importance in this country. The most extensive plant of this kind is here—partly within corporation limits, partly just outside.

The local manufacturing concerns, as well as the department stores, handle considerable of Furniture made elsewhere, notably Chairs, and also Office Fixtures. Local factories turn out large quantities of burial cases, picture frames, mouldings, and minor articles in great variety, in which wood is largely used. Liberal quantities of goods in these lines are exported to foreign countries, notably desks, filing cabinets, bookcases, etc., for equipment of offices. The value of the output of Furniture and Office Fixtures in 1906 is estimated as approximately \$9,750,000, compared with \$9,000,000 for 1905, \$8,500,000 for 1904, \$8,500,000 for 1903, \$8,000,000 for 1902, and \$7,500,000 for 1901.

MANUFACTURING INTERESTS AND COMPARISONS.

The City of Cincinnati is so situated that its corporation limits do not embrace all that belongs to the locality and to which Cincinnati is entitled to credit for, in presentation of statistics of Manufacturing and other industries, and comparisons of such features which are recognized as reflecting the relative significance of a trade center. Therefore it is to be understood that such exhibits prepared by the Chamber of Commerce embrace matters of such nature which properly belong to this commercial center, regardless of the fixed lines of the corporation. Many of the very large Manufacturing establishments of the locality are situated beyond the city limits, and on the Kentucky side of the Ohio River.

This fact makes it impossible for the Census Office exhibits to appropriately show the extent of the industrial activities here. This remark is likewise applicable to population returns.

Cincinnati is favored with an exceptional combination of conditions promotive of growth of Manufacturing industries, and advantageous returns for investment of capital and application of business enterprise. The facilities here for securing raw material at low cost, applicable to a great variety of industries—such as iron, wood, leather, fuel, etc.—have been important elements in the situation. The region is one especially favorable in climatic conditions, promotive of health and comfort of the people. The locality commands rare opportunities for securing food supplies, in great variety, of best quality, and at low cost to consumers. The abundance of capital and liberal banking facilities are important factors in such enterprise. Transportation facilities, by rail and water, provide for distribution of products from this central position more favorably as to cost and time than are available at any other large city in the country. Industrial classes are provided with good homes, readily accessible, and at low rates. Labor controversies have rarely interfered with industrial operations. Educational facilities here are of the highest order, including technical branches. Opportunities for recreation and entertainment are of the best class. Under such conditions Cincinnati has become a city distinctly prominent in Manufacturing industries, covering lines in great variety and extent, many of which represent the highest positions in such operations in this country.

As a result of careful investigations and calculations by the Chamber of Commerce the conclusion was reached that \$285,000,000 was a reasonable valuation to place upon the output of local Manufacturing establishments for the year 1900, \$300,000,000 for 1901, and \$315,000,000 for 1902. Returns and estimates for 1903 indicated that many large concerns increased their output in value, and various others did not increase, and some reported a decrease. In most instances the failure to expand in such comparisons, and the shortcomings, were due to lower prices, rather than lessened volume of products. For 1903 the conclusion was reached that the total was approximately the same as for the preceding year, \$315,000,000. The investigations for 1904 resulted in evidence of but little change in the aggregate, compared with 1903, while more or less important changes occurred in specific lines. For instance, in the Vehicle manufacturing industry, in Soap, in Clothing, etc., there were gains in value of the output, while in Machines, Machine Tools, and other lines related to metal interests, there were declines of more or less degree. Returns and estimates which represented \$147,000,000 for 1903, indicated \$150,000,000 for 1904. On this evidence the aggregate value of the output of Manufacturing establishments in Cincinnati and its immediate vicinity was placed at \$320,000,000 for 1904. The returns received for 1905 reflected much variableness, and as in previous years were largely short of completeness as to the aggregate for all the manufacturing output. The conclusion was reached that the value of products of all local factories in 1905 was 3 to 5 per cent greater than for the preceding year, and that \$330,000,000 fairly represents the comparison with the figures stated for previous years. For 1906 the investigations disclose a condition of variableness, but a large extent of returns

comparing favorably with the preceding year. Statements representing \$152,000,000 for 1905 indicate a total of \$166,000,000 for 1906. If the remainder of all the industry credited to Manufacturing be recognized as equal to the preceding year in value of products the aggregate, from the position previously presented, would be advanced to about \$345,000,000, as representing the value of the year's output of the large and small establishments of Cincinnati and immediate vicinity.

Local industries of special prominence include Woodworking Machinery, Machine Tools, Machinery and Engines of every kind, Vehicles, Soap, Metal Products of every description, Clothing, Shoes, Leather, Harness and Saddlery, Furniture, Bank, Bar and Office Furnishings, Distilling and Brewing, Printing, Printing Ink, Playing Cards, Chemicals, Pianos, Lumber, Pork and Beef Products, Fire-proof Safes, Tight Cooperage, etc.

The exportation of products of the factories of Cincinnati has been large in recent years, covering a wide range of articles, notably Machinery of all kinds, Machine Tools, Soap, Oils, Pianos, Decorative Pottery, Whiskies, Pharmaceutical Products, Stoves, Furniture, Office Furnishings, etc.

The exceptional extent of Manufacturing industries at Cincinnati relative to population is well reflected in the report of a statistician upon the consumption of coal in several of the large cities. It is shown that for the year the per capita consumption of coal at New York was 3.12 tons; at Chicago, 4.00 tons; at Cleveland, 5.43 tons; at Boston, 6.70 tons; at St. Louis, 7.55 tons; at Cincinnati, 8.20 tons.

BANK CLEARINGS.

The Clearings of the Banks of Cincinnati in 1906 were $8\frac{1}{2}$ per cent larger than for the preceding year, indicating a total of \$1,310,435,000, compared with \$1,204,529,000 for 1905, and an annual average of \$1,127,100,000 for five years prior to 1906. Monthly and yearly totals appear in a table elsewhere in this report.

INTERNAL REVENUE COLLECTIONS.

Collections in 1906 by the local Internal Revenue office represented a total of \$13,104,612, compared with \$12,777,241 for 1905, and an annual average of \$12,269,000 for five years prior to 1906. The collections for the past year represented the following: Distilled Spirits, \$10,181,255; (\$72.90 for export stamps); Beer, \$1,511,701; Tobacco Products, \$985,777; from Miscellaneous Sources, \$290,495; Special Taxes (licenses, etc.), \$135,311.00.

BANKS AND BANKING CAPITAL.

There are eleven National Banks in Cincinnati, having a combined capital of \$13,300,000. There are twenty-one private Banks and Savings Banks, representing capital of \$4,525,000. Also, in Covington, four National Banks, with capital of \$1,150,000; in Newport, two National Banks, with capital of \$200,000, and a Savings Bank, with capital of \$50,000; in Norwood, two National Banks, with capital of \$400,000. Total for Banks, \$19,625,000. Surplus and undivided profits represent a total about equal to the entire capital.

The following statement shows the Banking Capital of Cincinnati, and of the National Banks of Covington and Newport, for 1907:

CINCINNATI NATIONAL BANKS—

First National Bank.....	\$5,000,000
Second National Bank.....	500,000
Third National Bank.....	1,200,000
Fourth National Bank.....	500,000
Fifth National Bank.....	1,000,000
Citizens National Bank.....	2,000,000
Merchants National Bank.....	1,200,000
German National Bank.....	500,000
Market National Bank.....	500,000
American National Bank.....	500,000
Atlas National Bank.....	400,000

OTHER BANKS, ETC.—

Provident Savings Bank and Trust Co.	1,000,000
Union Savings Bank and Trust Co.....	500,000
Cincinnati Trust Co.....	500,000
Central Trust and Safe Deposit Co.....	500,000
Queen City Savings Bank & Trust Co....	500,000
Western German Bank.....	250,000
Cosmopolitan Bank and Savings Co.....	250,000
Peoples Bank and Savings Co.....	200,000
Brighton German Bank.....	100,000
City Hall Bank.....	100,000

Total Capital, 41 Banks.....\$19,625,000

Security Savings Bank & Safe Deposit Co.	\$100,000
Stock Yards Bank and Trust Co.....	100,000
Northside Bank.....	50,000
S. Kuhn & Sons.....	50,000
Helvetia Savings and Banking Co.....	50,000
Home Savings Bank Co.....	50,000
Unity Banking and Saving Co.....	50,000
West End Bank and Trust Co.....	50,000
Liberty Banking and Savings Co.....	50,000
Walnut Hills Savings and Banking Co..	50,000
Southern Ohio Savings Bank Co.....	25,000

COVINGTON—

First National Bank.....	300,000
Farmers and Traders National Bank ...	300,000
German National Bank.....	350,000
Citizens National Bank.....	200,000

NEWPORT—

German National Bank.....	100,000
Newport National Bank.....	100,000
Central Savings Bank and Trust Co.....	50,000

NORWOOD—

First National Bank.....	200,000
Norwood National Bank.....	200,000

EXPORTABLE PRODUCTS.

As a result of inquiry by the Chamber of Commerce concerning lines of Product being exported, and which can be furnished for such trade by local establishments, it is found that the list is a long one, among which are the following:

Woodworking machinery, for furniture and chair factories, car and railroad shops, and all other varieties.

Machine tools, steam engines, gas and gasoline engines, automobile engines, boilers, steam pumps and power pumping machinery, hot-air pumping engines, shaping machines, drills, tool grinders, steam fire engines, gas holders and gasworks apparatus, patterns, etc.

Machinery for laundry purposes, electrical plants, druggists, chemists, bakers, paint manufacturers, sugar mills, cider mills, saw mills, flour and other cereal products, breweries, elevators, air compressors, etc.

Planing machines, lathes, hangers, iron pulleys, wood split pulleys, washer castings, and metal castings of every description, iron pipe, iron fence, iron and steel fence posts, structural and ornamental iron work, jail and prison work, barbed and plain wire, iron specialties, fire hydrants, hydraulic plug tobacco machinery and kindred supplies, stop valves, valve boxes, tin andterne plate, machinery and metal products generally.

Saddlery, harness, leather goods in great variety, leather belting, oak-tanned sole and harness leather, carriage and furniture leather, bark-tanned sheep leather, pickled sheepskins for gloves and wool, etc.

Electrical, hydraulic and other power elevators, street railroad generators, printing press electrical equipments, motors, dynamos, steam pipe and boiler coverings, flexible cement roofing, calliopes, stationers' hardware and specialties, ice-cream freezers, sausage machinery, sausage casings, peanut and coffee roasters, rice and coffee hullers, galvanized iron cans for artificial ice works,

all kinds of black and galvanized steel tank work, galvanized iron and steel sheets, kitchen ranges, gas and oil stoves and ranges, kerosene burners for heating purposes, etc.

Light vehicles, fine carriages, road wagons, delivery wagons of all kinds, automobiles, hearses, undertakers' goods, filing cabinets, office desks, bookcases, sideboards, furniture in variety, mattresses, hardwood mantels, piano stools, veneers, bicycles, hall racks, etc.

Brass goods of all kinds, including brass bedsteads and furniture; copper ware, distillery equipments, varnishes, japans, printing inks, oils and dry colors for printing ink purposes, pharmaceutical products, sal soda, bicarbonate soda, anti-rust paint, boiler compounds, paper boxes, knock-down cooperage for beer, wine, whisky, alcohol, etc.

Soaps in full variety, starch, stearic acid, candles, distilled red oil, lard oil, perfumery, printing, lithography, cigars and cheroots, smoking tobacco, chewing tobacco, general confectionery, table sauce, gelatine, curled hair, feathers, etc.

Boots and shoes, clothing, uniforms, army supplies, military goods, lodge supplies, flags, tents, decorative material, cordage, cotton belting, braided cord, wickings, billiard tables, bungs, etc.

Pork and beef products, flour and other cereal products, canned goods, starch, bottled whiskies, beer, glycerine, vinegar, table sauce, pickles, etc.

Pianos, piano players, Rookwood pottery, and other works of art, and decorative material, metal picture frames, street car equipments, etc.

THE NATIONAL BOARD OF TRADE.

The Cincinnati Chamber of Commerce participated in the organization of the National Board of Trade, at a meeting in Philadelphia, in June 1868, and has maintained membership in it from the beginning. The thirty-seventh annual meeting was held at Washington on January 15, 16 and 17, 1907, when the Chamber of Commerce was represented by L. L. SADLER, MICHAEL RYAN, WILLIAM V. EBERSOLE, CHARLES W. SCHMIDT and CHARLES B. MURRAY.

The membership under the original plan represented constituent bodies organized for general commercial and not for special or private purposes, each association being represented by delegates allotted with relation to the number of members in such associations. At the meeting in January, 1905, it was provided that individuals may become associate members, and at the 1907 meeting there was reported fifty-five such memberships. In 1868 there were thirty-two organizations represented in the original membership. For 1907 there were sixty constituent bodies represented by the membership, forty of which had accredited delegates.

The propositions before the meeting in January, 1907, included the following subjects from the Cincinnati Chamber of Commerce: Inland Navigation Improvements; Consular Service; Reciprocal Trade Relations; International Arbitration; Parcels Post; Forest Preservation and Forest Reserves. As chairman of the standing committee on crop reports MR. MURRAY submitted a comprehensive report upon this important matter, and participated in the committee work of the Inquiry and Advisory Committee on Agricultural Statistics.

WEATHER BUREAU SERVICE.

The Chamber of Commerce membership has continued to be served with daily postings on the weather map of meteorological conditions, under charge of Mr. S. S. BASSLER, Local Forecaster, who has been attentive to the calls upon his office for information. Additional to the reports of atmospheric conditions at points of observation throughout the country, there have been received, as heretofore, a large number of daily telegraphic reports of stages of navigable rivers tributary to this city, which have been posted on 'Change, with comparisons. Such information is of particular interest to persons concerned in river traffic and transportation, the coal trade, local merchants, etc., notably in times of high-water and low-water conditions, ice movement, etc.

A full Weather Summary for the year, from Mr. BASSLER's office, prepared especially for this report, will be found on pages following the general tabular exhibits.

POPULATION DATA.

Census reports show the following for Cincinnati: For 1810, 2,540; 1820, 9,642; 1830, 24,831; 1840, 46,338; 1850, 115,435; 1860, 161,044; 1870, 216,239; 1880, 255,139; 1890, 296,908; 1900, 325,902.

These figures represent returns within corporation limits, beyond and outside of which there is a large number which represent a part of the centralization of population, consistently belonging to Cincinnati. A part of this additional

population is on the opposite side of the Ohio River, which can not be covered by the corporation limits of Cincinnati because of the state line separation. It is within reason to say that Cincinnati and its belongings represents a population of fully 560,000 to 575,000.

RAINFALL AT CINCINNATI.

The total rainfall at Cincinnati as recorded by the United States Weather Bureau was 40.83 inches, compared with 38.69 inches for 1905, and an annual average of 33.80 inches for ten years prior to 1906. The high monthly record was for July, 6.60 inches; the low record was for October, 1.06 inches.

For the period of seventy-one years, 1835 to 1905 inclusive, the annual average is 41.32 inches. Elsewhere in this report is a table of monthly and yearly averages for sixty-two years, 1845 to 1906, inclusive, with averages for each month of the year for the period from 1835 to 1850, to 1860, to 1870, to 1880, to 1890, to 1900, and to 1905. For periods of ten years, from 1841 to 1900, inclusive, the annual averages by months were as shown in the following, representing inches, and monthly averages for 1906:

MONTHS	1841-50	1851-60	1861-70	1871-80	1881-90	1891-1900	1841-1900	1906
January	4.25	2.01	3.76	4.03	2.63	3.43	3.52	3.25
February	3.15	3.73	2.40	3.09	4.94	2.90	3.35	1.68
March	4.39	3.05	3.98	3.95	3.15	4.01	3.75	6.08
April	3.22	4.20	3.21	3.18	2.91	2.60	3.22	1.20
May	3.77	4.23	4.14	3.38	4.04	3.15	3.79	1.10
June	5.63	3.80	3.97	4.90	4.22	2.98	4.25	5.62
July	5.15	3.49	4.15	5.02	2.42	3.52	3.96	6.60
August	4.81	3.27	3.36	4.65	3.53	2.80	3.74	3.78
September	3.42	2.60	4.42	2.11	2.63	2.40	2.93	3.90
October	3.52	2.73	2.42	2.37	3.02	1.50	2.59	1.06
November	3.36	3.80	2.25	3.47	3.28	3.49	3.27	3.04
December	5.12	3.87	2.76	3.80	2.82	2.23	3.43	3.57
Average	49.79	40.78	40.77	43.95	40.49	35.01	41.80	40.83

RIVER TRANSPORTATION INTERESTS.

The Ohio River is a waterway decidedly variable in its stages, and is frequently so low as to interfere with navigation a large part of the year. For 1906 the river above the mouth of the Kanawha was navigable about five months, and practically all the year from that point to Cincinnati and Louisville. At Cincinnati the low point of the year was in September, when the gauge marked 7.1 feet; the high point was in April, with 50.2 feet indicated. The lowest monthly variation between low and high records at Cincinnati was 7.7 feet, for June; the highest variation was 34.1 feet, for April; the monthly average variation was 17.2 feet; the general average stage for the year was 17.5 feet, compared with 18.2 feet for 1905, and an annual average of 16.9 feet for ten years prior to 1906. For a period of ten years prior to 1905 the gauge at Cincinnati made a record of 654 days showing less than 6 feet stage of water.

Explanatory of the significance of the records of water stages at Cincinnati it may be observed that a 6-foot stage at Cincinnati does not imply an equal stage either upstream or downstream. As a rule a 6-foot stage at Cincinnati would

imply less than 4 feet for navigation between this city and the Kanawha River, and less than 3 feet for navigation to Pittsburg. It would imply 6 feet from Cincinnati to Louisville, under influence of the Falls at the latter point, but less than 5 feet between Louisville and Cairo. A navigable stage of water equal to 6 feet between Cincinnati and Pittsburg under existing conditions does not average more than eight of the twelve months of the year. The feature of uncertainty of periods of such interruptions to navigation seriously interferes with arrangements being made for transportation of commodities and raw material.

There were 27 steamers engaged in freight and passenger traffic on the Ohio River in 1906 in service between Cincinnati and other ports, representing a total of 14,027 tons, compared with 29 steamers, total of 13,513 tons for 1905. One steamer destroyed in 1906, the Rees Lee, sunk January 22, near Tiptonville, Tenn. Steamer Courier dismantled August 3. Steamer M. P. Wells re-named Chilo.

The rainfall at Cincinnati in 1906 was 40.83 inches, compared with 38.69 inches in 1905, and an annual average of 31.64 inches for five years prior to 1906. For the preceding five years the annual average was 35.96 inches.

The extent of freight tonnage to and from Cincinnati by river representing commodity transportation, can not be reliably stated. The business in 1906 compared favorably with other years in regard to offerings of commodities and passengers for transportation, and the unusual period of navigable stage of the river was a matter of satisfaction to the transportation interests.

In a statement prepared by the Superintendent of the Chamber for the Chairman of the Rivers and Harbors Committee in 1903, there was a compilation furnishing an interesting and instructive illustration of the relative freight charges by railroad and by river. The calculation recognized rates from Cincinnati to Parkersburg by river, 283 miles, and to Cleveland, Ohio, by rail, 263 miles, as one comparison; to Wheeling by river, 377 miles, and to Erie, Pa., by rail, 350 miles, as a second comparison; to Pittsburg by river, 487 miles, and to Buffalo, N. Y., by rail, 438 miles, as a third comparison. The river mileage here represented is 1,147 miles; the aggregate of single rates for each class of freight is 298½ cents. The rail mileage is 1,051 miles, and the aggregate of single rates for each class is 436½ cents. In each comparison the river distance is somewhat in excess of the rail distance; the total of the rail distance is 8.4 per cent less than the river distance, while the aggregate of the rail rates is 46 per cent in excess of the river rates.

In the statement here referred to it was mentioned that freight rates on the Ohio River average about two-thirds of rail rates for like distances, and would be further lowered under an improvement of the waterway by which continuous business could be maintained, and the cost of transportation reduced incident to the lessening of risks and losses attending movements of crafts on high stages of water. Other advantages which would result from continuous navigation include stability of conditions admitting of time contracts and regular transportation arrangements with railway lines, the movement of coal without detention from the mining districts and incidental risks, the building up of industries along this waterway under the facilities for deliveries of fuel and material advantageously

and regularly, the promotion of industry and commerce reaching directly to very many localities not situated on the waterway, but coming within the influence of conditions attending this valley, and in various other ways.

In the preceding Annual Report it was mentioned that provisions had been introduced in the Rivers and Harbors bill by which the Secretary of War was directed to appoint a Board of Engineers from the United States Army Corps to be known as the Ohio River Board, the duties of which were to complete the survey of the Ohio River from the Big Miami to Cairo, not previously provided for, to report upon the feasibility and advisability of providing for a system of locks and dams for this portion of the river, and upon the comparative desirability of provisions for either a 6-foot or a 9-foot stage. Also, to secure statistics of the present freight tonnage, represented by local and through traffic, and such other information as would serve in preparation of a statement of tonnage to be expected to be moved under the plan for securing a continuous navigable stage under permanent improvements. No report from this Board has appeared yet.

The question of improvement of inland navigable waterways received significant attention during the year, by organized bodies, by public speakers, by the press, etc. The annual meeting of the Ohio Valley Improvement Association, held at Portsmouth on October 17 and 18, was well attended, and upon which occasion highly influential addresses were offered. The Rivers and Harbors Congress, held at Washington early in December, brought together a very large gathering, and was notable for the earnest and intelligent presentation of views upon the questions at issue. There was insistence that Congress should provide more liberal appropriations for improvement of rivers and harbors, and that such appropriations should not be less than \$50,000,000 yearly. One of the results of this great meeting was action by Congress authorizing the President to appoint a Waterways Commission, whose province is to investigate and report upon matters relating to improvement of inland waterways and allied matters, including questions relating to floods, reforestation, etc.

RAILROAD TRANSPORTATION INTERESTS.

The railroad systems and lines entering Cincinnati are the Baltimore & Ohio Southwestern, the Chesapeake & Ohio, the Cincinnati, Hamilton & Dayton, the Cincinnati, New Orleans & Texas Pacific, the Cleveland, Cincinnati, Chicago & St. Louis (New York Central Lines), the Louisville & Nashville, the Pittsburg, Cincinnati, Chicago & St. Louis (Pennsylvania Lines), the Norfolk & Western, the Erie, the Cincinnati, Lebanon & Northern, the Chicago, Cincinnati & Louisville.

In common with experiences elsewhere in the country there was much of lack of ability on the part of the lines entering this city to afford promptness in movement of freight, inward or outward, during the year, but the conditions in this particular were not worse here than elsewhere, and at the close of the year the situation was an improving one. The year's freight business at Cincinnati, representing commodity movements in and out of the city, were considerably increased, but precise statements of the tonnage can not be offered, as a portion of the lines are unable to readily furnish such details. Partial information gives 7 per cent increase for the specific returns. For the preceding year it was estimated that the

total tonnage was 23,000,000 to 25,000,000 tons, and it is reasonable to recognize the tonnage of 1906 as greater than the larger quantity here mentioned.

Considerable was accomplished during the year in the work of bettering terminal facilities here. When the projects now in hand and under way at Cincinnati for accommodating the requirements of freight and passenger business reach completion, this city will command such facilities as will enable it to serve the public with a full degree of satisfaction, comparing favorably with the best elsewhere.

The question of a belt railway was revived during the year, and some action taken upon a plan for carrying out such a project. If this should be inaugurated in the near future it would greatly promote the industrial interests of this locality.

LIGHTHOUSE SERVICE.

COMMANDER JAMES H. OLIVER, U. S. Navy, Lighthouse Inspector, Fourteenth District, has furnished the following data for the year 1906:

The Fourteenth Lighthouse District extends on the Ohio River from Pittsburgh to Cairo, in all 966 miles; on the Kanawha, 73½ miles; on the Tennessee, 255½ miles; on the Monongahela to Fairmont, W. Va., 126½ miles; all told, 1,421½ miles, and embraces all aids to navigation within these limits. Inspector in charge, COMMANDER JAMES H. OLIVER, United States Navy.

There are in the District:

Post lights.....	523
Floating lights.....	37
Day marks.....	15
Steam tender Golden Rod, for inspection and supply.....	1
Bridges over navigable streams of this district, whose lighting comes under the supervision of this office.....	199

The lights of the district were all painted and supplied during the year and left in good condition. There were some changes made by shifting lights on account of the channel changing, all of which were made known to the steamboat interests by advertising. The lights were well and faithfully tended, and few complaints were received.

There were 26 lights established; 4 discontinued; 50 reset; 3,729 trees cut and 4 acres of brush cleared away.

The Golden Rod steamed some 5,575 miles in the discharge of her duties, and secured for winter quarters in the Louisville and Portland Canal.

The Lighthouse Board has authorized lights on the Monongahela River; during the last year they were established as far as Monongahela City, a distance of 32½ miles.

MARINE WORKS—OHIO RIVER AND TRIBUTARIES.

MAJOR J. G. WARREN, Corps of Engineers, U. S. A., has furnished the following statement of operations during the calendar year 1906, on the work connected with the improvement of tributaries of the Ohio River under appropriations by Congress:

The work under the charge of this office during the year 1906 has been operating, care and extension of the slack-water system of navigation on the three canalized rivers, the Kentucky, Muskingum and Big Sandy. The following is a resume of operations during the year:

Kentucky River, Ky.—At the beginning of the year there were 8 locks and dams in operation, making the river navigable for 157 miles. Two more locks and dams, Nos. 9 and 10, had been completed, but a freshet in March, 1905, cut behind both locks and put them out of service. During the past year repairs have been made at both these locks and pool level restored. Lock and Dam No. 11 has been completed, thus extending slack-water to Irvine, Ky., a distance of 219 miles from the mouth of the river. The old locks have 145 feet available length and 38 feet width, and the new locks have 146 to 148 feet length and 52 feet width. The maximum draft that can be carried at mean low water is $5\frac{1}{2}$ feet. Eight locks have been operated during the year, and 11 are in operation at the end of the year. At the close of the year negotiations were in progress for the purchase of site for proposed Lock and Dam No. 12.

Muskingum River.—The 10 locks have been operated during the year. The minimum navigable depth is 6 feet, except at Nos. 1 and 4, where it is 3 feet and 5 feet respectively. The length of slack-water is 84 miles. Plans are being made for Lock and Dam No. 11, and work on its construction will probably be commenced in 1907. Its completion will extend slack-water 8 miles, and connect with the Ohio canal system, thus making a waterway from Lake Erie to the Ohio River.

Big Sandy River.—This river is only 26 miles long, being formed by the junction of Tug Fork and Levisa Fork at Louisa. The three locks and movable dams on Big Sandy River have been in use throughout the year. Lock No. 1 has a lift of $22\frac{1}{2}$ feet—the highest of any lock with movable dam in the world. During the year Lock No. 1 on Tug Fork, and Lock No. 1 on Levisa Fork, have been practically completed, but money has not yet been appropriated for the construction of the dams. When these works are completed it will give 6 feet available depth of slack-water to points 37 miles from the Ohio on Tug Fork, and 42 miles on Levisa Fork.

The following is a summary of operations for the improvement of the Ohio River during the calendar year 1906, furnished by Lieutenant-Colonel WILLIAM T. ROSSELL, Corps of Engineers, U. S. A.:

The United States Dredging Plant was operated at the following places on the Ohio River during the year:

At Fulton Bar, in July-August, dredging a channel 75 feet wide, 400 feet long, 5 feet below low water, excavating 4,180 cubic yards.

At Chenault's Reach, in August-September-October, dredging a channel 70 feet wide, 3,770 feet long, 4 to 6 feet below low water, excavating 34,536 cubic yards.

At Big Blue River Bar, in October-November, dredging a channel 225 feet wide, 1,230 feet long, 4 feet below low water, excavating 23,924 cubic yards.

At Middleport, Ohio, Ice Harbor, on December 8th, making a cut 35 feet wide, 234 feet long, 6 feet below low water, excavating 2,070 cubic yards.

After one day's work at Middleport, Ohio, heavy rains caused a rapid rise in the river with little prospect of further effective work, and the season of operations was closed.

A hired dredging plant was employed from August 10th to September 1st dredging a channel in the upper Ohio at Short Creek, W. Va., where heavy rains had caused the creek to wash out a large amount of gravel and stone in such manner as to obstruct navigation. The channel at this place was widened 150 feet for a length of 400 feet, 1.5 feet below low water, and 4,160 cubic yards excavated, affording safe navigation at this point. The same plant-dredged a channel at Wells Run Bar, 120 feet wide for a distance of 450 feet, 1.5 feet below low water, excavating 1,925 cubic yards.

Although the above work was much delayed by frequent periods of high water, navigation was greatly benefited by the increased width of channel obtained at the various localities.

To provide for more extensive dredging throughout the entire length of the Ohio River, and especially the section below Louisville, a contract was entered into during the year for the construction of a new steel-hull hydraulic dredge.

Very little work was done on the concrete section of ice pier at Gallipolis, Ohio. The excavation was completed and about 190 cubic yards of concrete placed in the foundation.

Owing to high water, no work was done on the construction and repair of dams and dikes at Mound City, Ill.

The U. S. Snagboat, E. A. Woodruff, was employed in the removal of obstructions from the first part of May, when she began operations in Cincinnati harbor, until the middle of December, when severe weather made it necessary to go into winter quarters.

The work of the snagboat for this period comprised three trips over the river between Cincinnati and the Pennsylvania State Line, one trip between Cincinnati and the mouth of Big Hocking River, one trip between Cincinnati and Wheeling, and three trips between Cincinnati and the mouth of the river.

On most of the above journeys, obstructions were removed where found both in going and returning. The following obstructions were removed: 728 snags; 51 wrecks of coal barges, coal boats, steam boats, etc.; 2,046 cubic feet of rocks, and 340 cords of drift.

Work at Dam No. 37 at Fernbank, below Cincinnati, under contract with The Sheridan-Kirk Contract Company, has been carried on steadily, except when interfered with by high stages of the river, in completing the foundations of permanent buildings; constructing about one-half of the lock and the entire lower guide wall, and about 450 feet of the upper guide wall, so that the lock and guide wall are rather more than one-half completed. Considerable grading was done. A large quantity of ironwork was delivered, and some part of it placed in position. The cofferdam for the abutment on the Kentucky side of the river was constructed. Everything was left in shape for good progress when the weather opens in the spring.

CAPTAIN F. C. BOGGS, Corps of Engineers, U. S. A., has furnished the following summary of the work on the rivers forming the Wheeling District, during the calendar year 1906:

Ohio River.—With the exception of work at Dam No. 11, Ohio River, good progress was made by the contractors having lock and dam construction in this district.

DAM No. 8.—Contractor for lock and guide walls, The T. A. Gillespie Company, of Pittsburg, Pa. Work was commenced on the lock and guide walls July 1, 1904, and has been carried on continuously with a good working force when the conditions would permit. With the exception of filling and paving the lock yard the contract is completed; *i. e.*, the lock and guide walls, and paving of lock chamber.

DAM No. 11.—Contractor for lock and guide walls, The Aetna Construction Company, of Wheeling, W. Va. The building of the lock and guide walls was commenced July 16, 1904, the following work having been completed: Entire land wall of lock, 305 feet of river wall, walls for upper and lower gate recesses, 215 linear feet of lower guide wall, and 160 linear feet of paving for lock chamber. Considerable work is still necessary to complete this contract.

DAM No. 13.—The lock and guide (part) walls, the construction of which was commenced August 1, 1901, under contract with The Sheridan-Kirk Contract Company, of Nicholasville, Ky., were completed during October.

The Hollerbach & May Contract Company, contractor for building the dam, commenced work in February, 1906, and completed the following portions of the work: Retaining wall, abutment, foundations for east and west bear traps, foundations for Piers "A" and "B," and foundation for 137 linear feet of navigation pass. This work is in good condition, and should be completed during the year 1907.

DAM No. 18.—The lock is completed, except machinery and gates.

Contractors for the dam, Baker Contract Company, Inc., of Pittsburg, Pa. Under this contract work was commenced June 1, 1905, but the progress made has been very unsatisfactory. In November, a receiver was appointed for the Baker Contract Company, and it is believed that more satisfactory work will be

accomplished during the coming year. The following portions of the work have been completed: About 569 linear feet of navigation-pass foundation, the abutment and part of the foundation for the east bear trap and Pier "C."

Kanawha River.—Such repairs as were necessary to keep the ten locks and dams in good condition were made. New guide cribs for Lock No. 11 were commenced. A small amount of dredging was done to widen and deepen the channel at several points along the river.

Little Kanawha River.—Owing to extensive repairs necessary to Lock and Dam No. 4, navigation on the Little Kanawha River was practically suspended for four months. The necessary repairs to Lock and Dam No. 4 were completed, and the structures placed in good condition. Minor repairs were also made to Locks Nos. 1, 2 and 3, so that they would withstand the winter's floods. Plans for extensive repairs to Locks and Dams Nos. 1 and 2 are in preparation.

CAPTAIN H. BURGESS, Corps of Engineers, U. S. A., Louisville, Ky., has furnished the following details in regard to the tributaries of the lower Ohio River, etc., the information following representing operations in 1906:

Improving Falls of Ohio River at Louisville, Ky.—The present project for this work contemplates the enlarging of the easterly end of the Louisville and Portland Canal so as to provide a capacious basin or harbor wherein tows may be arranged preparatory to entering or leaving the canal. The main channel over the "Falls," known as "Indiana Chute," is to be straightened, and the water flow concentrated so as to afford an open-river channel, with a depth of eight feet, when that stage of water is shown by the upper canal gauge.

Operations during the past year were restricted to preparations for the construction of 1,000 feet of Boule Dam and contract work on the metal work therefor.

During the fiscal year ending June 30, 1906, 1,069 steamboats, barges, etc., carrying 383,148 tons of freight, passed over the "Falls" via the Indiana Chute.

Louisville and Portland Canal.—The original canal was constructed by a private corporation in which the United States was a stockholder. Subsequently, Congress authorized the purchase and entire control of the canal, and since that time the canal and locks have been enlarged and greatly improved. The locks are combined, consisting of two chambers, the available dimensions of each being 314 feet by 80 feet. The canal is available for traffic and commerce at all stages of water less than 12.7, upper canal gauge, and serves to permit free navigation around the Falls of the Ohio at stages of water when boats can not pass through the open channel.

During the past fiscal year a total of 5,281 passenger boats, towboats, coal-boats, barges and small craft, passed through the canal, carrying 1,053,525½ tons of freight and 19,068 passengers. In addition to the work of passing this traffic

through the canal and locks, the usual dredging and ordinary repair work necessary to keep the canal in good condition was done.

Green and Barren Rivers, Ky.—The system of improvements on these rivers provides slack-water navigation with a minimum depth of about five feet from Spottsville, Ky., to Mammoth Cave, Ky., on Green River, and to Bowling Green on Barren River, in all about 219 miles.

The work accomplished during the year included the passage of traffic through the six locks in Green River and one lock in Barren River, together with the dredging, snagging, and other current repair work necessary to maintain the system in good navigable condition. During the fiscal year ending June 30, 1906, 3,817 steamboats, barges, etc., passed Lock No. 1, Green River, carrying 342,495 tons of freight.

Rough River, Ky.—The permanent improvements on this river consist of a lock and dam located about eight miles above the mouth of the river near Livermore, Ky., and afford slack-water navigation to Hartford, Ky., for boats having a draft not exceeding 4 feet, and 127 feet long and 27 feet wide. The only work of importance during the year was the passage through the lock of 875 steamboats, barges, etc., carrying 36,800 tons of freight.

Wabash and White Rivers.—The only permanent improvement in these rivers is the lock and dam at Grand Rapids, Wabash River, 92½ miles above its mouth; the available capacity of the lock is, length 214 feet, width 52 feet. Traffic through the lock during the fiscal year ending June 30, 1906, comprised 2,138 boats, carrying 3,990½ tons of freight.

THE CITY OF CINCINNATI.

The City of Cincinnati, bordering on the Ohio River, which represents a line between States, is deprived of the significance which it really has in comparisons of population, for the reason that a large portion of this centralization is separated from the records of the city corporation. The city proper and the adjacent belongings represent considerably over 500,000 of population, probably more than 550,000. The growth is not rapid. The locality is one of steady and substantial progress in development. The climate is healthful and agreeable. The surroundings are interesting to the observer for the variety and picturesqueness of scenery and conditions. The facilities for rapid transit in and about the city are unexcelled.

The industrial activities of this locality largely represent manufacturing operations, covering a wide range of lines and interests. The number of establishments, large and small, reaches about 8,000. The capital employed is about \$150,000,000. The value of real estate occupied is about \$75,000,000. Number of hands employed, about 120,000. Value of product in 1905, about \$345,000,000. In various lines our city leads, and in many others is notably prominent, in comparison with other manufacturing centers. In the past ten years there has been decided industrial growth, as evidenced by the increase in the yearly comparisons of value of local manufactures, while the average of prices has been lowered.

No other large city in the country equals Cincinnati in value of its output of local factories in proportion to population. No other city enjoys a higher reputation for the quality of its products, which find distribution to other markets of the world.

Much has been done in the past by manufacturing establishments at Cincinnati in furnishing products for exportation to foreign markets, and in this there is an increasing volume of operations, and enlargement of lines of articles for such distribution. The high reputation acquired for our products, with the favorableness of cost, are elements calculated to secure a further expansion in this direction.

The proximity of this industrial center to sources of supply of raw materials that enter into the production of staple products of commerce forms a basis for advantageous and profitable operations of manufacturing establishments. This applies especially to iron, coal, hardwood, salt, etc.

Cincinnati is the largest city near the center of population of the United States. Its resources for fuel are the regions of Pittsburgh, Virginia, West Virginia and Ohio, available by cheap water and rail transportation. This fuel is of the highest grade for steam-producing purposes, as well as for domestic uses.

Cincinnati commands not only the advantages of the great railway systems centering here, diverging in all directions, and through their connections reaching all sections of the country with shorter average distances and lower average cost than any other large city, but also has the benefit of the water transportation afforded by the Ohio River and tributaries, and its connection with the Mississippi River and tributaries, thus combining incomparable facilities and advantages for the movement of materials and products of industry. It is especially favorably situated with reference to trade with the West Indies, Central America, South America, etc.

A recent computation in regard to relative cost of freight from points of origin to all parts of the United States resulted in the following comparisons of averages per 100 pounds: From Cincinnati, 81 cents; Chicago, 84 cents; St. Louis, 88 cents; Minneapolis, \$1.22. A similar computation applicable to a radius of 600 miles from the point of origin gave the following averages per 100 pounds: From Cincinnati, 66 cents; Chicago, 73 cents; St. Louis, 75 cents; Minneapolis, \$1.11.

Cincinnati is the central market for hardwood lumber from the forests of Kentucky, Tennessee and West Virginia. The development of iron and steel production in Alabama and Tennessee brings this market into ready command of these products from sources of lowest cost. Incident to such facilities, this city has always had high-class skilled labor.

The many lines of prominent industry in this city include the manufacture of clothing, shoes, soap, leather, harness and saddlery, vehicles, furniture, machinery for woodwork and all other purposes, machine tools, office and bank equipments, veneering, regalia and lodge goods, school books, lithographic and other high-class printing, printing inks, whisky, beer, pork and beef products, pianos and other musical instruments, electrical equipments, decorative pottery, cooperage, etc. It is the most prominent market in the distribution of White Burley tobacco. It leads in the manufacture of various lines of products.

Cincinnati is one of the best paved cities in the country, its streets the cleanest, the drainage the best. It is provided with a system of electric transit facilities which is believed to be equal to the best in the United States. This is attended with transfer privileges of an exceptionally favorable nature. The city is well provided with public parks, which with the suburban regions easily accessible by the electric and steam car lines and river steamers, afford the masses excellent opportunities for outing trips and recreation.

The educational facilities of Cincinnati are superior, including all the branches of free public schools, from the higher courses of the University, the colleges of law, medicine, dentistry, pharmacy, technology, theology, etc. The Art Academy and College of Music are of highest repute in the country. The libraries, reading rooms and museums afford admirable privileges. The many clubs promote literary, political, business and social interests and friendly intercourse.

Cincinnati is well provided with places of entertainment, including its great Music Hall and many theatres. Its free concerts in the parks are a special feature. Its suburban resorts, accessible by street railway and by river steamers, and its incomparable Zoological Gardens, are attractions of much merit.

Cincinnati has the finest fountain in the country, the gift of a private citizen, Mr. HENRY PROBASCO. Its public-spirited citizens have been and are numerous, contributing to the welfare of the city through the benefits to be derived from parks, from schools of art and of music, from the erection of a great Music Hall and Art Museum, from hospitals and fresh air homes, flower market, and in many other ways advancing the higher interests of the community through their munificence and intelligent consideration. The city is provided with splendid municipal and federal buildings, and a Chamber of Commerce Building of surpassing architectural impressiveness, with a large and increasing number of high-class, modern business structures.

Cincinnati is provided with the best of police and fire protection, giving exceptional security to life and property.

Cincinnati is favored in banking facilities, savings institutions, and building associations.

The churches of Cincinnati embrace nearly every denomination, and are noted for being in charge of ministers of high order of intelligence and power in the dissemination and encouragement of religious and moral principles.

Cincinnati is provided with excellent hotels, and high-class restaurants, with comparatively moderate charges for services rendered.

The climate of Cincinnati compares most favorably with other sections of the country. It is not attended with the extremes of temperature experienced elsewhere. In healthfulness, the locality ranks with the best in the country. In food resources, the great variety, high quality, and comparative cheapness of products here available count favorably for the laboring classes. Similar conditions relating to economy in living expenses apply to clothing, fuel, gas, etc.

This locality is conspicuously an industrial one, and has thus retained and attracted to the place a working class, which commands the necessities of life on an economical basis. With these conditions, and the extent of such population centralized here, with unexcelled facilities for transportation distribution, manufacturing interests find Cincinnati an especially advantageous locality.

Five bridges connect Cincinnati with the southern shore of the Ohio River, in Kentucky, by which means freight and passenger traffic in that direction is provided for, as well as important facilities for reaching residence localities for business men and the artisan classes. These bridges are from 1,489 to 1,648 feet in length, exclusive of approaches.

The Cincinnati Chamber of Commerce will give careful attention to any inquiries which may be made in regard to the opportunities of this locality for industrial enterprises. Real estate is abundantly available, favorably situated, and at relatively moderate cost.

THE CINCINNATI CHAMBER OF COMMERCE.

A sketch of the organization of the Cincinnati Chamber of Commerce and of incidents of a historical nature relating to it appeared in the Annual Report for 1902.]

The Cincinnati Chamber of Commerce represents one of the oldest and most prominent of the trading exchanges in the country. It possesses a building and an Exchange Hall unexcelled in attractiveness, and a monument to the enterprise of the business men of this city. Its members assemble daily, to effect transactions in grain, flour, hay, seeds, provisions, whisky, coal, country produce, lumber, real estate and various other lines, and to arrange for freights, insurance, investments, option deals, etc. The Exchange is provided with very complete telegraphic market information, covering prominent domestic and foreign markets, relating to breadstuffs, provisions, live stock, and other interests, as well as quotations of the New York Stock Exchange, weather reports, river stages, etc. Its facilities are promotive of the interests of manufacturers, of jobbers, of traders, of investors, and of many others. Its social advantages are important. It is an agreeable place to invite visitors sojourning in the city. It furnishes opportunity for citizens to greet and to listen to expressions from persons of eminence and celebrity.

The Chamber of Commerce maintains appropriate rules for the conduct and regulation of trade operations, and obligations incident thereto. It appoints inspectors, weighers, gaugers and measurers, and supervises and regulates their acts. It provides for the settlement of differences, disputes and misunderstandings arising between business men. It accords to non-members having controversies with members equal privileges and consideration in hearings of such cases, and fulfillment of obligations to non-members. It has acted on questions of freight inconsistencies and discriminations, securing relief locally from such unfavorable conditions.

The Chamber of Commerce as an Association is influential as a deliberative body. The organization, in general session and through the meetings of its Board of Directors, gives much of judicious attention and support to public measures, of a local and general nature. Its conservative treatment of such questions has secured for it marked recognition and consideration. It has from the beginning of the National Board of Trade maintained membership in that body, and contributed its share in the work accomplished by it in advancing public interests. It was prominent in organizing the Ohio State Board of Commerce. It was at the front in bringing into existence the Ohio Valley Improvement Association, the labors of which have been notably important in securing Governmental attention to slack-water navigation projects, which promise to be greatly beneficial to this region and this locality. It acted in advance of other bodies in the work of originating and promoting Weather Bureau plans, and in aiding the introduction of methods by which this service has become valuable beyond computation. It initiated action resulting in the organization of the Industrial Bureau of this city.

STATISTICAL EXHIBITS
OF THE
CINCINNATI CHAMBER OF COMMERCE
AND
MERCHANTS' EXCHANGE.
FOR THE YEAR 1906.
WITH COMPARISONS.

RECEIPTS AT CINCINNATI.

Receipts of Principal Commodities, for six calendar years, as indicated, according to records of the Chamber of Commerce:

ARTICLES.	1906	1905	1904	1903	1902	1901
Ale, Beer and Porter, bbls.....	49,010	64,154	29,546	83,168	48,953	30,460
Apples, Green, bbls.....	309,190	299,891	416,991	890,208	356,653	222,067
Barley, bush.....	946,624	1,171,779	1,025,986	886,755	817,909	1,094,427
Beef, lbs.....	584,389	1,194,178	658,854	537,829	194,801	200,780
Boots and Shoes, cases.....	268,524	305,870	295,434	805,638	374,027	841,961
Bran, Middlings, etc., tons.....	44,692	50,616	43,041	38,062	78,784	60,250
Broom Corn, lbs.....	2,368,324	2,970,306	1,749,176	857,370	812,374	1,458,759
Butter, tubs, firkins, etc.....	204,811	154,605	146,598	120,800	223,075	237,946
Butterine, lbs.....	969,261	815,439	1,033,327	1,082,345	1,868,762	1,820,118
Cattle, head.....	312,581	307,776	260,778	269,383	243,705	228,755
Cheese, boxes.....	162,414	142,148	128,490	111,989	145,484	187,402
Coal, bush.....	178,957,000	160,820,000	118,183,783	112,351,891	104,600,593	91,390,981
Coffee, bags.....	269,614	297,795	296,002	264,696	316,727	282,682
Coke, bush.....	5,502,000	4,580,000	4,186,000	4,473,900	7,919,000	6,723,030
Corn, bush.....	8,839,810	7,883,222	9,570,217	10,453,465	7,820,048	11,783,145
Cotton, bales.....	146,454	176,006	148,320	103,517	179,819	233,966
Eggs, cases, etc.....	484,206	420,604	377,263	333,327	464,799	498,218
Feathers, lbs.....	1,206,225	1,322,101	935,655	1,026,542	1,171,328	1,184,552
Flour, bbls.....	1,546,625	1,407,167	1,524,725	1,553,704	2,408,058	3,081,743
Fruit, Dried, lbs.....	2,817,579	2,844,830	3,566,622	3,095,482	4,512,244	3,284,236
Fruit, Green, tons.....	48,067	23,783	31,021	20,224	73,584	44,554
Groceries, tierces.....	107,125	96,748	105,118	68,786	73,613	118,182
Hay, tons.....	220,874	181,220	110,571	108,911	166,909	128,143
Hemp, bales, etc.....	32,927	38,080	41,708	42,142	28,639	15,286
Hides, number.....	824,752	698,229	657,284	566,331	758,507	650,772
Hog Product—Bacon, lbs.....	2,844,091	1,517,959	1,010,108	1,211,004	1,945,586	3,478,376
D. S. Meats, loose, lbs.....	98,800,393	88,860,064	88,917,486	95,261,843	110,458,369	140,641,491
D. S. Meats, in boxes, lbs.....	6,880,500	5,775,500	5,764,500	6,436,500	10,046,500	11,926,500
Hams, lbs.....	6,801,830	7,136,275	6,966,008	7,588,283	6,575,934	11,461,891
Lard, lbs.....	34,985,004	44,989,341	34,908,544	25,385,227	31,144,879	44,827,384
Pork, bbls.....	2,155	4,170	8,426	1,431	7,258	7,696
Hogs, head.....	976,722	1,063,144	986,858	887,816	781,780	898,464
Hops, bales.....	9,594	8,283	7,575	8,130	8,582	7,980
Horses, head.....	31,809	32,760	27,786	28,456	21,490	21,286
Iron and Steel, tons.....	528,692	445,147	299,044	355,988	422,651	368,110
Iron and Steel, Scrap, tons.....	56,421	58,686	44,416	55,661	97,701	54,214
Iron, Pig, tons.....	620,589	588,297	592,422	602,140	743,696	608,918
Lead, Pig, lbs.....	28,322,158	33,705,009	34,201,299	25,941,978	33,398,808	26,329,021
Lead, White, lbs.....	.....	.....	.....	.....	.....	.....
Leather, bundles.....	221,516	256,186	280,323	259,281	308,465	291,617
Lemons, boxes.....	65,546	70,156	78,066	67,633	63,239	86,181
Lumber, cars.....	74,966	68,804	61,107	64,549	96,548	78,088
Malt, bush.....	2,000,804	1,402,614	1,137,655	1,186,112	1,012,907	1,008,481
Meats, Fresh, lbs.....	30,008,884	23,484,960	17,575,060	.....	.....	.....
Molasses, bbls.....	26,871	34,351	45,987	87,606	82,477	55,476
Oats, bush.....	6,738,482	7,888,767	4,991,574	5,890,504	5,883,009	9,260,765
Oil, bbls.....	563,992	677,336	520,908	475,896	590,193	531,430
Oranges, boxes.....	487,402	398,581	389,039	266,368	231,681	343,818
Peanuts, bush.....	419,454	394,975	317,484	210,334	247,095	188,850
Petroleum, bbls.....	306,768	261,082	290,792	270,784	316,747	321,784
Potatoes, bush.....	1,580,763	1,548,426	1,809,011	1,808,044	1,784,448	1,964,879
Rice, bbls.....	44,495	50,220	62,094	47,426	105,447	78,439
Rye, bush.....	647,806	595,758	575,923	520,696	523,024	612,206
Salt, bbls.....	478,728	472,233	476,599	360,760	443,440	320,594
Seed—Flax, bush.....	950	4,378	3,671	3,714	2,516	2,646
Clover, bags.....	32,436	27,440	29,278	31,127	52,943	36,142
Timothy, bags.....	35,439	41,018	66,787	69,943	91,107	56,696
Other Grass, bags.....	119,478	114,696	84,839	119,745	85,733	95,069
Sheep, head.....	465,460	509,925	504,318	511,990	507,094	409,288
Soap, boxes.....	218,004	233,078	182,890	177,718	185,878	144,791
Starch, boxes.....	513,451	572,522	473,971	379,583	386,176	517,358
Stearine, tierces.....	5,816	4,074	4,162	4,063	5,182	4,503
Sugar, bbls.....	277,485	290,253	284,520	263,780	335,279	288,276
Tallow, tierces and bbls.....	67,227	65,953	59,950	48,151	59,406	63,347
Tobacco, Leaf, hhds.....	72,379	77,537	60,719	67,467	81,075	78,901
Tobacco, Leaf, cases and bales.....	62,366	64,031	42,755	65,704	52,740	60,620
Tobacco, Manufactured, pkgs.....	145,371	160,187	107,219	168,438	236,829	237,515
Turpentine, bbls.....	62,225	46,790	56,968	48,049	34,742	43,700
Vegetables, Green, tons.....	46,166	39,821	39,585	31,465	34,281	27,690
Wheat, bush.....	8,291,822	2,844,191	1,933,447	2,830,463	4,968,822	4,111,548
Whisky, bbls.....	219,625	217,392	247,591	241,945	389,604	422,942
Wines and Liquors, bbls.....	20,633	18,217	19,142	26,251	44,172	31,711
Wines and Liquors, cases and pkgs.....	117,816	79,958	83,412	67,967	124,361	141,018
Wool, bales.....	152,615	120,053	111,878	145,660	60,324	28,572

SHIPMENTS FROM CINCINNATI.

Shipments of Principal Commodities, for six calendar years, as indicated, according to records of the Chamber of Commerce:

ARTICLES.	1906	1905	1904	1903	1902	1901
Ale, Beer and Porter, bbls.....	590,731	667,890	568,993	447,703	446,949	397,352
Apples, Green, bbls.....	120,547	145,948	203,045	204,730	184,765	123,160
Barley, bush.....	343,348	188,928	22,872	28,341	8,541	55,471
Beef, lbs.....	1,142,147	1,589,623	787,428	220,027	495,524	561,796
Boots and Shoes, cases.....	301,639	304,154	266,385	284,377	405,930	293,476
Bran, Middlings, etc., tons.....	42,000	42,271	39,288	85,508	67,014	50,728
Broom Corn, lbs.....	1,566,339	1,664,149	812,068	815,775	416,907	394,400
Butter, tubs, firkins, etc.....	94,473	68,397	47,322	45,291	36,619	29,139
Butterine, lbs.....	1,553,727	1,117,964	1,047,096	1,099,190	2,306,416	1,409,416
Cattle, head.....	121,868	127,468	96,594	114,968	92,182	78,581
Cheese, boxes.....	102,151	100,170	85,009	72,990	78,789	78,712
Coal, bush.....	98,775,000	58,974,000	44,676,000	39,422,750	36,637,747	27,254,796
Coffee, bags.....	239,745	261,061	238,144	180,148	251,060	246,184
Coke, bush.....	7,402,000	7,920,000	5,383,000	5,462,000	6,744,000	5,101,000
Corn, bush.....	5,251,157	3,975,723	5,939,189	7,110,679	4,355,272	7,781,473
Cotton, bales.....	123,469	149,399	141,755	91,134	175,737	212,172
Eggs, cases.....	358,608	311,396	265,276	237,289	243,458	208,545
Feathers, lbs.....	1,173,628	1,122,427	964,209	898,187	782,477	906,955
Flour, bbls.....	998,344	903,615	1,038,986	1,102,959	1,896,091	2,560,351
Fruit, Dried, lbs.....	1,185,479	1,266,342	1,726,399	1,147,407	2,165,504	2,142,585
Fruit, Green, tons.....	31,253	14,236	20,858	9,888	9,059	8,087
Grease, tierces.....	29,187	31,448	11,429	11,908	24,245	70,546
Hay, tons.....	176,112	78,341	55,461	60,472	81,878	63,457
Hemp, bales.....	24,014	28,040	29,483	38,695	26,281	11,546
Hides, number.....	745,426	593,098	548,683	502,477	631,148	461,687
Hog Product—Bacon, lbs.....	5,336,738	5,318,382	6,328,789	6,576,408	12,011,547	19,420,888
D. S. Meats, loose, lbs.....	88,626,877	98,842,794	90,103,146	88,187,081	110,387,764	189,370,681
D. S. Meats, in boxes, lbs.....	10,076,500	9,070,500	6,495,000	7,088,000	10,898,000	16,291,000
Hams, lbs.....	8,939,758	10,164,566	18,191,777	14,358,880	15,562,892	22,893,822
Lard, lbs.....	45,566,299	61,036,517	47,774,711	36,099,790	43,649,318	58,424,450
Pork, bbls.....	2,048	3,377	3,592	1,589	7,090	8,446
Hogs, head.....	371,623	403,742	333,207	315,571	264,144	303,926
Hops, bales.....	3,825	1,325	1,076	3,458	3,653	4,497
Horses, head.....	21,000	22,991	19,231	19,067	15,282	13,874
Iron and Steel, tons.....	459,148	356,672	242,782	351,671	321,290	276,815
Iron and Steel, Scrap, tons.....	67,757	58,784	40,520	56,840	66,940	89,226
Iron, Pig, tons.....	471,412	383,975	446,733	514,717	691,877	520,792
Lead, Pig, lbs.....	1,039,885	801,891	3,682,999	2,814,541	1,777,144	964,248
Lead, White, lbs.....	27,699,758	28,268,393	25,271,519	27,661,879	26,797,048	18,272,658
Leather, bundles.....	189,132	282,737	197,454	200,427	225,511	206,345
Lemons, boxes.....	30,978	81,108	85,112	31,435	59,518	45,850
Lumber, cars.....	58,599	54,876	47,308	52,694	62,108	49,981
Malt, bush.....	761,826	670,200	748,527	689,912	555,989	661,496
Meats, Fresh, lbs.....	27,762,753	27,310,966	17,516,482	.....	.....	.....
Molasses, bbls.....	23,119	29,115	35,126	35,380	48,503	36,872
Oats, bush.....	4,378,191	5,505,014	2,543,992	3,735,660	3,427,516	6,568,562
Oil, bbls.....	473,775	574,235	446,744	435,548	474,346	421,772
Oranges, boxes.....	301,466	212,887	199,119	192,456	132,061	168,736
Peanuts, bush.....	404,275	386,826	247,869	187,569	170,786	135,846
Petroleum, bbls.....	116,746	95,516	100,927	126,962	110,990	109,179
Potatoes, bush.....	529,758	629,870	646,168	746,450	911,356	975,298
Rice, bbls.....	23,319	29,232	36,198	31,665	77,231	57,983
Rye, bush.....	269,574	180,662	140,678	234,817	177,334	258,890
Salt, bbls.....	375,388	353,893	362,741	300,165	310,604	214,068
Seed—Flax, bush.....	855	1,288	1,517	1,899	2,171	2,152
Clover, bags.....	23,263	20,054	20,378	30,289	48,348	33,709
Timothy, bags.....	28,029	29,264	34,505	47,818	54,616	45,904
Other Grass, bags.....	107,291	106,839	90,446	96,148	98,330	88,364
Sheep, head.....	365,949	362,737	378,496	379,430	381,791	277,248
Soap, boxes.....	3,140,129	3,067,590	3,038,726	2,757,535	2,567,447	2,497,221
Starch, boxes.....	421,709	453,724	360,082	620,322	918,452	1,027,981
Stearine, tierces.....	13,988	11,253	12,428	10,747	14,923	10,782
Sugar, bbls.....	118,157	127,854	112,205	101,997	142,098	134,829
Tallow, tierces and bbls.....	5,818	6,785	4,022	6,278	9,442	5,023
Tobacco, Leaf, hhds.....	59,763	58,752	56,865	64,801	82,903	75,847
Tobacco, Leaf, cases and bales.....	50,884	28,522	23,104	51,040	32,434	36,818
Tobacco, Manufactured, pkgs.....	215,531	248,786	152,545	216,103	267,068	265,382
Turpentine, bbls.....	52,205	37,984	47,326	37,779	27,827	38,106
Vegetables, Green, tons.....	23,743	21,420	16,852	14,379	16,380	9,597
Wheat, bush.....	2,777,081	2,284,085	1,434,385	2,554,038	4,412,414	3,696,511
Whisky, bbls.....	405,707	405,310	428,342	423,547	567,549	586,993
Wines and Liquors, bbls.....	15,436	12,293	11,003	18,688	23,557	17,023
Wines and Liquors, cases and pkgs.....	259,009	260,480	222,131	231,003	297,167	296,909
Wool, bales.....	154,808	120,842	125,442	151,524	66,220	33,508

AVERAGE ANNUAL PRICES OF STAPLE PRODUCTS.

Average annual prices of Staple Articles indicated, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	Butter, Dairy.	Butter, Creamery.	Butterine.	Cheese, Factory.	Eggs, Selected.	Potatoes, Standard.	Apples, Green.	Apples, Dried.	Peaches, Dried.	Coffee.	Sugar, Hard.	Molasses, New Orleans.
	Lb.	Lb.	Lb.	Lb.	Doz.	Bush.	Bbl.	Lb.	Lb.	Lb.	Lb.	Gal.
1886-87.....	18.82	24.52	14.50	11.19	14.60	\$0 53	\$2 59	3.99	5.58	16.79	6.51	42.31
1887-88.....	17.49	23.99	15.19	10.39	15.84	88	2 20	6.08	6.97	18.99	7.40	41.50
1888-89.....	14.66	22.01	16.29	9.69	13.50	40	1 54	3.01	2.82	18.37	8.49	41.21
1889-90.....	13.50	20.81	15.50	9.00	13.54	52	2 82	3.72	3.11	20.81	7.39	40.39
1890-91.....	14.98	22.89	16.23	9.60	16.30	97	3 49	9.07	8.16	20.87	6.12	34.60
1891-92.....	16.33	23.92	17.25	10.17	15.77	45	2 14	3.40	2.74	18.55	4.89	34.81
1892.....	17.03	24.27	18.09	10.00	15.68	55	2 50	3.85	3.10	18.73	5.04	31.73
1893.....	19.00	25.00	16.90	10.18	16.80	74	2 90	5.04	4.88	20.52	5.64	33.27
1894.....	12.88	18.92	14.97	9.75	12.41	66	3 30	5.55	5.65	20.76	5.06	32.11
1895.....	10.54	17.13	14.25	9.00	13.79	49	2 02	4.52	7.40	20.52	5.03	28.97
1896.....	8.60	14.50	12.50	8.85	10.75	28	1 80	2.25	6.28	18.59	4.73	31.86
1897.....	9.65	15.45	12.80	9.06	10.79	48	1 97	2.64	7.13	15.02	5.29	26.13
1898.....	11.03	16.46	13.75	8.63	12.14	57	2 76	4.31	8.05	9.74	5.74	31.82
1899.....	12.56	18.40	14.08	10.66	13.55	49	2 69	4.81	10.22	9.67	5.57	32.00
1900.....	13.99	19.90	16.02	10.98	13.48	43	2 54	3.44	8.85	10.75	6.15	33.46
1901.....	11.97	19.36	13.25	10.28	14.98	62	2 73	3.31	8.18	9.18	5.82	34.25
1902.....	15.52	21.83	16.80	11.60	18.00	62	2 90	4.20	8.86	8.30	5.22	33.46
1903.....	13.65	20.95	13.80	11.40	17.80	59	2 40	4.50	7.00	7.65	5.53	32.62
1904.....	11.40	20.70	13.00	9.40	19.60	78	2 30	4.45	7.85	9.60	5.80	32.66
1905.....	15.85	23.95	13.25	12.60	19.50	45	3 05	4.50	9.75	10.25	6.20	30.50
1906.....	15.00	24.25	13.25	12.80	18.35	65	3 20	4.90	12.25	9.90	5.50	31.45

YEARS.	Clover Seed.	Timothy Seed.	Flaxseed.	Hay, Timothy.	Bran.	Middlings, Fine.	Middlings, Coarse.	Coal, soft, Pittsburgh.	Coal, soft, Kanawha.	Coal, deliv'd, Pittsburgh.	Coal, deliv'd, Kanawha.	Coal, Anthracite.
	Lb.	Bush.	Bush.	Ton.	Ton.	Ton.	Ton.	Bush.	Bush.	Ton.	Ton.	Ton.
1886-87.....	7.05	\$1 87	\$0 97	\$11 17	\$12 85	\$14 62	\$13 21	7.55	7.26	\$3 06	\$3 01	\$6 78
1887-88.....	6.77	2 44	1 14	14 79	15 66	17 71	16 56	10.01	9.75	3 88	3 68	7 63
1888-89.....	7.78	1 50	1 25	12 74	12 07	13 86	12 66	6.71	6.10	2 76	2 68	7 00
1889-90.....	5.64	1 30	1 28	10 56	11 16	12 76	11 49	6.78	6.37	2 69	2 69	6 46
1890-91.....	6.88	1 30	1 18	10 58	16 64	19 57	18 27	7.28	6.75	2 84	2 84	6 36
1891-92.....	8.43	1 27	92	11 25	14 25	16 20	15 55	7.63	7.09	2 87	2 87	6 41
1892.....	9.70	1 47	95	11 10	13 67	15 11	13 94	7.49	.....	2 88	2 88	6 79
1893.....	10.67	1 68	1 05	12 55	13 35	14 76	13 18	7.58	7.20	3 07	2 94	7 22
1894.....	8.80	2 10	1 16	10 95	13 15	14 10	13 40	6.34	6.69	2 53	2 55	6 36
1895.....	7.64	2 07	1 08	12 70	13 25	14 60	13 30	6.00	5.42	2 51	2 49	6 16
1896.....	6.74	1 39	80	12 20	8 90	9 50	9 00	5.73	5.28	2 34	2 34	6 44
1897.....	5.82	1 20	73	9 80	9 55	10 55	10 10	5.70	4.91	2 25	2 26	6 42
1898.....	5.08	1 11	87	8 67	11 92	12 52	13 23	5.66	4.89	2 23	2 27	6 20
1899.....	5.48	1 05	94	10 10	12 70	13 75	13 20	5.30	5.58	2 64	2 63	6 50
1900.....	7.75	1 37	1 19	13 95	14 60	15 90	15 35	7.50	7.48	2 08	3 06	6 90
1901.....	9.27	2 21	1 31	18 60	16 75	18 15	17 45	7.50	7.15	2 82	2 78	6 70
1902.....	7.92	2 20	1 30	13 35	17 35	19 50	18 60	7.92	7.86	3 25	3 25	9 00
1903.....	9.66	1 45	1 08	15 40	17 00	19 00	18 00	9.25	9.25	3 66	3 66	8 00
1904.....	9.75	1 25	1 00	13 00	18 65	21 20	19 60	8.50	8.50	3 20	3 20	7 30
1905.....	11.00	1 30	1 10	12 10	15 95	18 20	17 00	8.00	8.00	3 35	3 35	7 37
1906.....	11.00	1 50	1 11	15 45	18 00	20 70	19 40	7.80	7.70	3 38	3 38	7 50

NOTE.—Butter and Cheese, prime to choice; Potatoes, standard, on arrival at railroads; Apples, green, prime to choice; Apples and Peaches, dried, prime to choice; from 1895, Peaches represent California product. All prices refer to lots in store, excepting as noted. Clover, Timothy and Flaxseed, prime to choice, on arrival; Hay, Bran and Middlings, on arrival; Coal, as indicated; Anthracite, delivered.

AVERAGE ANNUAL PRICES OF STAPLE PRODUCTS.

Average annual prices of Staple Articles indicated, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	Cattle, gross.	Sheep, gross.	Hogs, gross.	Port Barrels.	Whisky Barrels.	Ohio River Salt.	Leaf Tobacco.	Cotton, Middling.	Tallow.	Hides.	Leather.	Wool.
	100 Lbs.	100 Lbs.	100 Lbs.	Each.	Each.	Bbl.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1886-87.....	\$2 98	\$4 10	\$4 28	81	\$1 35	\$0 87	10.80	9.72	4.22	9.17	30.78	31.10
1887-88.....	3 04	4 58	5 18	78	1 29	94	15.00	9.88	4.56	7.98	29.25	27.87
1888-89.....	2 84	4 46	5 15	85	1 44	98	10.25	10.24	5.12	7.00	29.49	29.55
1889-90.....	2 90	4 84	5 74	83	1 50	90	9.25	11.04	4.52	6.77	27.82	30.15
1890-91.....	3 28	4 83	5 64	79	1 51	98	9.00	9.25	4.90	5.75	27.70	29.67
1891-92.....	3 17	4 79	5 90	70	1 52	92	9.75	7.60	4.67	4.66	26.87	25.87
1892.....	3 22	4 86	5 05	71	1 52	92	10.00	7.78	4.65	4.44	26.31	26.50
1893.....	3 61	4 20	6 90	76	1 52	89	11.85	8.38	5.56	4.00	23.84	25.70
1894.....	3 35	3 10	5 10	79	1 52	84	10.05	6.93	5.15	3.66	22.44	19.60
1895.....	3 85	3 30	4 35	78	1 60	84	9.40	7.04	4.67	6.02	26.60	18.53
1896.....	3 40	3 15	3 50	81	1 53	75	6.85	7.57	3.75	5.52	23.96	17.81
1897.....	3 54	3 78	3 30	80	1 53	75	8.05	6.98	3.59	7.73	25.92	24.45
1898.....	3 70	3 87	3 85	80	1 51	77	9.10	5.69	3.90	8.71	25.96	24.95
1899.....	3 85	3 77	4 05	71	1 79	82	7.95	6.30	4.71	8.57	27.27	21.85
1900.....	4 00	3 72	5 10	70	1 83	1 04	8.52	9.88	5.13	7.99	29.11	25.64
1901.....	3 78	3 84	5 95	78	1 88	1 03	7.90	8.38	5.56	7.63	30.14	23.35
1902.....	4 10	3 80	6 80	92	1 88	80	8.10	8.65	6.75	7.70	30.50	23.50
1903.....	3 50	3 80	6 05	99	1 88	88	8.85	10.95	5.05	7.00	28.10	25.50
1904.....	3 40	3 70	5 25	108	1 98	90	10.05	11.60	4.80	8.25	30.10	30.00
1905.....	3 45	4 45	5 35	95	1 95	87	9.25	9.00	4.65	10.50	30.15	36.75
1906.....	3 60	4 65	6 40	95	1 95	92	8.95	11.30	5.40	11.70	30.35	35.00

YEARS.	Linseed Oil.	Lard Oil.	Carbon Oil, 120° flash test.	Turpentine	Rice, Louisiana.	Feathers.	Hops.	Peanuts, White.	Lead.	Nails.	Candles.	Bark, Tanners'.
	Gal.	Gal.	Gal.	Gal.	Lb.	Lb.	Lb.	Lb.	Lb.	Keg.	Lb.	Cord.
1886-87.....	40	55	8.04	37.98	4.68	40	25.35	3.64	4.30	\$2 24	8.09	\$12 43
1887-88.....	50	61	8.16	39.29	5.54	40	15.80	3.63	4.42	1 97	8.42	12 22
1888-89.....	57	68	8.19	45.46	5 06	44	22.46	5.57	3.82	1 87	9.14	10 91
1889-90.....	59	57	8.38	44.94	5.11	42	17.40	6.50	3.94	2 26	8.50	13 54
1890-91.....	53	52	7.82	41.06	5.38	41	34.93	3.50	4.44	1 84	8.46	11 87
1891-92.....	37	54	6.32	35.74	5.01	43	24.47	3.00	4.14	1 66	9.08	10 43
1892.....	40	61	6.25	35.30	4.65	45	26.18	4.00	4.00	1 69	8.80	11 04
1893.....	45	56	6.25	34.35	4.31	41	23.07	4.00	3.60	1 36	8.97	11 17
1894.....	50	64	6.25	33.21	4.98	35	16.13	2.10	3.07	1 20	8.31	10 15
1895.....	51	55	7.87	32.30	4.31	37	9.25	3.86	3.12	1 63	8.04	9 60
1896.....	35	46	7.80	29.35	4.12	40	8.40	4.23	2.81	2 38	7.44	9 20
1897.....	32	39	6.75	29.32	5.24	35	12.20	3.54	3.55	1 69	6.57	9 25
1898.....	39	45	6.86	34.61	6.03	34	15.90	3.91	3.77	1 43	6.72	8 90
1899.....	44	43	7.87	48.69	5.97	40	16.95	3.41	4.46	2 04	6.98	10 00
1900.....	63	54	9.02	49.48	5.75	43	13.30	3.63	4.20	2 54	8.17	10 50
1901.....	63	65	8.23	38.24	5.86	43	15.65	3.42	4.07	2 30	9.50	11 15
1902.....	59	78	8.23	49.84	5.86	45	22.50	3.50	4.10	2 45	9.50	12 65
1903.....	41	73	10.85	59.15	6.30	51	26.10	4.00	6.45	2 30	9.36	18 25
1904.....	41	61	10.70	60.50	6.10	48	31.40	5.15	4.50	1 92	9.23	12 35
1905.....	44	58	9.60	66.25	5.75	47	24.15	4.50	6.65	1 90	9.00	13 30
1906.....	40	63	9.50	70.00	5.05	50	15.30	4.50	7.25	1 98	9.40	13 75

NOTE.—Cattle, prime beef; Sheep, good to extra mutton; Hogs, average of packing grades; Salt, Ohio River and Kanawha, barrel of 280 pounds; Leaf Tobacco, white burley, basis of sales of all grades, prior to 1889; subsequently, the general average price realized for all grades. Cotton, middling; Tallow, prime city-rendered; Hides, light to heavy, wet salted; Leather, best light to heavy city-tanned, oak sole; Wool, Ohio, fleece-washed to 1896, washed combings since; Rice, fancy head; Feathers, prime; Hops, choice; Nails, 12d; Candles, star.

YEARLY MOVEMENT OF GRAIN.

Receipts and shipments of Wheat, Corn, Oats, Barley and Rye, representing bushels, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently:

YEARS.	WHEAT.		CORN.		OATS.		BARLEY.		RYE.	
	Receipts.	Shipm'ts.	Receipts.	Shipm'ts.	Receipts.	Shipm'ts.	Receipts.	Shipm'ts.	Receipts.	Shipm'ts.
1880-81.....	2,908,675	1,873,070	7,737,066	2,806,052	2,248,527	676,675	1,880,467	104,154	789,347	396,969
1881-82.....	4,166,245	3,126,499	8,180,846	3,910,408	2,512,364	914,516	1,786,383	82,137	701,056	321,295
1882-83.....	3,305,214	2,077,743	4,792,473	1,196,730	2,124,957	522,519	2,019,531	65,459	750,401	165,997
1883-84.....	3,107,000	2,342,649	5,519,625	1,783,057	3,063,422	1,296,737	1,527,622	82,697	453,063	109,490
1884-85.....	1,931,582	1,185,105	6,433,623	2,895,493	3,633,812	1,973,831	1,610,784	122,217	537,739	194,250
1885-86.....	3,375,472	2,562,261	6,386,644	2,795,237	3,903,953	2,120,282	1,547,483	205,370	608,026	247,912
1886-87.....	2,426,301	1,616,646	6,731,719	2,975,090	5,280,071	3,459,756	2,064,388	182,148	470,334	172,436
1887-88.....	1,954,494	1,052,687	5,878,935	2,391,596	6,354,100	4,186,908	1,851,860	93,511	397,594	126,669
1888-89.....	1,383,599	965,262	6,661,396	3,143,854	5,642,093	3,292,897	1,877,664	175,312	599,534	305,065
1889-90.....	1,257,093	908,512	6,835,161	2,716,545	5,085,746	2,765,143	2,190,646	177,268	556,977	327,910
1890-91.....	2,133,748	1,705,901	6,126,482	2,210,577	4,092,734	1,918,730	1,740,984	97,617	509,649	251,356
1891-92.....	1,971,600	1,475,115	5,509,601	1,864,535	5,224,537	2,721,264	1,930,470	37,581	462,203	202,759
1892.....	2,093,551	1,653,045	5,234,330	1,664,315	4,636,305	2,327,257	1,954,847	42,575	443,219	273,463
1893.....	2,084,546	1,786,009	7,077,860	3,825,555	5,428,247	2,918,737	1,381,220	92,404	484,979	219,218
1894.....	2,399,982	2,052,353	10,744,781	7,316,340	4,479,437	2,159,724	1,310,447	20,161	417,117	153,077
1895.....	2,030,682	1,647,274	8,892,763	5,710,115	5,418,652	2,987,595	1,065,862	28,255	433,458	178,886
1896.....	1,483,702	1,093,152	13,498,423	10,333,897	4,681,513	2,490,656	1,275,340	6,261	361,639	142,326
1897.....	2,010,842	1,551,091	15,901,253	13,016,832	7,627,932	5,637,110	1,092,828	73,720	567,483	264,769
1898.....	2,601,882	2,223,378	15,121,379	12,343,588	6,217,382	4,280,471	1,116,549	35,551	372,577	115,837
1899.....	1,356,390	887,920	6,853,790	4,117,467	3,750,416	1,698,896	1,093,010	201,344	433,273	189,252
1900.....	2,961,211	2,270,728	14,605,973	10,902,716	7,392,957	4,315,478	1,173,742	222,168	442,215	162,653
1901.....	4,111,548	3,698,511	11,783,145	7,781,473	9,260,765	6,568,562	1,094,427	55,471	612,206	258,890
1902.....	4,988,822	4,412,414	7,820,048	4,355,272	5,883,009	3,427,516	817,909	8,541	523,024	177,334
1903.....	2,830,463	2,554,036	10,453,465	7,110,679	5,890,504	3,735,660	886,755	28,341	520,695	234,817
1904.....	2,124,447	1,625,385	12,848,217	9,217,189	6,034,074	3,586,492	1,038,936	35,872	601,923	166,678
1905.....	3,195,191	2,635,085	11,326,222	7,418,723	13,473,767	11,140,014	1,484,779	501,928	623,758	208,562
1906.....	4,126,822	3,612,081	12,793,810	9,705,159	12,090,482	9,730,191	1,466,624	863,348	650,806	272,574

LOCAL AND TOTAL MOVEMENT OF GRAIN.

Movement of Grain, representing bushels, at Cincinnati, showing the local movement and aggregate, including Grain on through bills of lading, for calendar years:

YEARS.	LOCAL MOVEMENT.		INCLUDING GRAIN IN TRANSIT.	
	Receipts.	Shipments.	Receipts.	Shipments.
1892.....	9,643,152	1,241,555	14,362,252	5,960,655
1893.....	11,118,202	3,503,273	16,456,852	8,841,923
1894.....	10,868,614	3,218,505	19,351,764	11,701,655
1895.....	10,394,517	3,045,175	17,841,417	10,562,075
1896.....	11,133,217	3,898,892	21,300,617	14,066,292
1897.....	12,076,888	5,420,072	27,200,338	20,543,522
1898.....	9,101,719	2,670,775	25,429,769	18,998,825
1899.....	9,128,079	2,796,079	13,426,879	7,094,879
1900.....	13,530,198	4,827,843	26,576,098	17,873,743
1901.....	14,347,191	5,848,007	26,862,091	18,362,907
1902.....	13,845,712	6,193,977	20,032,812	12,361,077
1903.....	15,481,482	8,513,133	20,581,882	13,663,533
1904.....	18,097,097	10,081,116	22,647,597	14,631,616
1905.....	20,383,717	12,134,412	30,103,917	21,904,412
1906.....	19,964,544	13,019,353	31,128,544	24,183,353

YEARLY RANGE AND AVERAGE PRICES OF GRAIN.

Lowest and highest range and average yearly quotations, per bushel, at Cincinnati, for No. 2 Red Wheat; No. 2 Shelled Corn, from 1902 to 1906 (Mixed Ear previously); Oats, No. 2 Mixed; No. 3 Rye, and yearly average for No. 2 Fall Barley, for commercial years to 1891-92, and calendar years subsequently:

YEARS.	WHEAT.		CORN.		OATS.		RYE.		BARLEY.
	Range.	Average.	Range.	Average.	Range.	Average.	Range.	Average.	
1875-76.....	\$1 00@1 50	1 10	40 @ 73	51	30 @80	38	55 @ 87	74	\$1 30
1876-77.....	1 08@2 15	1 41	40 @ 57	46	28 @52	37	55 @1 06	74	90
1877-78.....	85@1 35	1 11	38 @ 49	42	26 @30	29	52 @ 66	59	52
1878-79.....	85@1 15	96	31 @ 45	37	22 @26	27	49 @ 62	54	1 00
1879-80.....	98@1 37	1 16	42 @ 51	42	28 @41	34	54 @ 95	32	89
1880-81.....	88@1 39	1 10	40 @ 37	49	30 @46	38	88 @1 35	1 04	98
1881-82.....	95@1 50	1 32	56 @ 87	72	37 @64	50	68 @1 17	94	1 06
1882-83.....	96@1 17	1 06	44 @ 76	54	28 @48	39	51 @ 70	62	76
1883-84.....	80@1 10	1 01	40 @ 62	58	25 @45	34	54 @ 71	62	80
1884-85.....	72@1 09	89	37 @ 59	47	25 @41	32	53 @ 75	63	80
1885-86.....	74@1 00	88	32 @ 48	39	25 @34	30	53 @ 69	63	86
1886-87.....	71 @ 89	80	34 @ 55	40	26 @32	29	46 @ 66	58	61
1887-88.....	71 @ 96	85	44 @ 61	52	26 @38	38	50 @ 73	62	81
1888-89.....	78@1 15	98	30 @ 49	37	20 @29	26	41 @ 65	52	78
1889-90.....	75@1 02	83	27 @ 56	36	21 @40	27	41 @ 72	50	57
1890-91.....	82@1 16	99	49 @ 77	60	31 @58	48	61 @1 05	81	77
1891-92.....	73@1 01	90	39 @ 67	48	30 @39½	38	62 @ 97½	85	70
1892.....	65 @ 98	81	39 @ 53	45	32 @36½	38	52½ @ 89	73	69
1893.....	52 @ 75	64	35 @ 51	44	20 @36	32	48 @ 68	55	64
1894.....	48 @ 60	54	35 @ 50½	45	29½ @54	35	41½ @ 56	52	60
1895.....	53 @ 90	66	24 @ 56	41	19 @34½	27	40 @ 75	53	56½
1896.....	55 @ 97	72	18 @ 33	27	15½ @23	20	26½ @ 44	38	36
1897.....	70@1 00	89	20 @ 33	26	16½ @25	21	33 @ 52	41	39
1898.....	64@1 45	86	27 @ 41	34	21½ @34½	27	40 @ 80	51	47
1899.....	68 @ 77	72	29 @ 40	36	21½ @31½	27	56 @ 68	62	52
1900.....	70 @ 89	75	34 @ 47	41	21 @28	25	51½ @ 67	59	53
1901.....	64 @ 90	77	39 @ 74½	52	25 @50½	34	45 @ 73	60	54
1902.....	68 @ 92	80	44 @ 69	61	27 @57	41	51 @ 71½	58	54
1903.....	74½ @ 92	81	40 @ 54½	47	31½ @43½	37	54 @ 63	58	52
1904.....	92½ @1 25	1 08	45 @ 59	51	31 @44½	38	61 @ 87	77	52
1905.....	82 @1 24½	99	44 @ 59½	52	25 @35½	32	56 @ 87	75	55
1906.....	70 @ 93	81	42 @ 55½	48	30 @43	34	58 @ 72½	66	57

* Extra No. 3 Spring Barley.

MONTHLY PRICES OF WHEAT.

Monthly range of quotations for No. 2 Red Wheat, per bushel, at Cincinnati:

MONTHS.	1906	1905	1904	1903	1902	1901	1900	1899
January.....	90 @ 93	1 18 @1 24½	92½ @ 98½	77½ @80½	89 @92½	79 @ 82	70 @ 73	70½ @77
February.....	87 @ 91	1 18 @1 21	97 @1 12	79 @80½	86½ @91	78½ @80	73 @ 74	71½ @75½
March.....	85 @ 88½	1 10 @1 20	1 00 @1 08	74½ @79	78 @87	78 @80	71 @ 74	70 @ 75
April.....	87 @ 91	96 @1 12	1 04 @1 09	75 @77	78 @87	75 @79	72½ @75	72 @ 75
May.....	89 @ 93	96 @1 09	1 05 @1 12	75½ @77	81½ @87	74 @77½	72 @ 74	70 @ 76
June.....	88 @ 92	1 01 @1 07	1 03 @1 11	78 @82	80 @82½	67 @76½	72 @89	72 @ 75
July.....	73 @ 88	83 @1 07	94 @1 09	76½ @80	70 @83½	64 @68½	76 @85	68½ @72
August.....	70 @ 78½	82 @ 84½	96 @1 13	77½ @84½	68 @ 71	68 @ 75	73 @77	68 @72
September.....	71 @ 76	83 @ 89	1 10 @1 25	83½ @87	70 @ 72	71½ @74	75 @78½	69 @73
October.....	75½ @ 77	87½ @ 91	1 18 @1 23	86 @88	71 @76	73 @75	75 @79	71 @78½
November.....	75 @ 77	86 @ 91	1 15 @1 20	85½ @89	73½ @78½	74 @79½	75½ @77	69 @71
December.....	75½ @ 77	89 @ 93½	1 15 @1 21	88½ @92	76½ @79	79½ @90	76½ @79	69 @71
YEARS.....	70 @ 93	82 @1 24½	92½ @1 25	74½ @92	68 @92½	64 @ 90	70 @ 89	68 @ 77

MONTHLY PRICES OF CORN.

Monthly range for No. 2 Mixed Corn (shelled), per bushel, at Cincinnati:

MONTHS.	1906	1905	1904	1903	1902	1901	1900	1899
January	44 @46	45½ @46	45½ @46½	43½ @48½	62 @68½	38 @40	32½ @36	35½ @38
February	42 @44½	46 @48½	45½ @47½	46 @48	61 @64½	39½ @42½	33½ @36	33 @37
March	43 @48	48 @52	46 @51	41½ @47	62 @64	41½ @42½	36 @40½	35 @37½
April	47 @52½	47½ @50½	50½ @54	40 @46	60½ @67½	44½ @47	41 @43½	36½ @37½
May	51½ @53½	49 @54½	51½ @56½	45½ @47½	64 @67½	43½ @46½	40½ @44	34 @36½
June	51½ @54	54 @57	48 @51	48½ @54	63½ @66½	43½ @44½	39½ @45	35 @36½
July	53½ @55½	57 @59½	48 @53½	50 @53	63½ @69	45 @58	41½ @47	35 @36½
August	50½ @54½	54 @57½	52½ @57½	52½ @54½	58 @64	57½ @64	41 @43	32 @34½
September	48 @50½	54½ @56½	55 @57	48 @53	60 @63½	56½ @61½	42½ @44	33½ @35
October	48 @50	52½ @56½	55½ @59	45½ @49	60 @62½	60 @60½	37 @43	34 @36
November	47½ @48½	45½ @53	56½ @58½	45½ @46	45 @60	63 @66	37 @40	31½ @35
December	43 @48	44½ @47	45½ @52	44½ @46	44 @50	66½ @71½	37½ @39½	31½ @34
YEARS	42 @55½	44½ @59½	45½ @59	40 @54½	44 @69	38 @71½	32½ @47	31½ @38

MONTHLY PRICES OF OATS.

Monthly range of quotations for No. 2 Mixed Oats, per bushel, at Cincinnati:

MONTHS.	1906	1905	1904	1903	1902	1901	1900	1899
January	32½ @34	32½ @33½	38 @42½	35 @39	46 @50	25 @27½	25½ @26½	28½ @31
February	32 @33½	32½ @33½	41½ @44½	37½ @39½	46 @48	26½ @28	25½ @26	28½ @31½
March	32 @33½	31½ @34½	41 @44½	37 @39	45½ @47	27½ @28	25½ @26½	28½ @31
April	33 @35	30½ @32½	40 @43	33½ @37	44 @46½	28 @29	26 @28	29 @30½
May	33 @37	30½ @32½	41½ @42½	33 @37½	44 @46	30 @32	24½ @26½	27½ @29½
June	37 @43	32½ @33½	41 @44	36 @43½	43 @52	29½ @30½	24 @27	27 @29
July	34 @41	28 @34	40 @41½	31½ @41½	32½ @57	31½ @42	25 @28	22 @28½
August	30 @34	25 @32	32½ @40½	33 @35½	27 @31	37 @38	21 @25	21½ @22½
September	31½ @36	26 @30	33 @34½	35 @39	28½ @31½	36 @38	22½ @23½	22½ @25½
October	35 @36½	29 @32	31½ @33½	36½ @39	30 @32	38 @39	23 @24	24½ @26
November	35 @36½	31½ @33½	31 @33½	35½ @37½	29½ @34	40 @46	23 @25	25½ @26½
December	36 @38	33 @35½	32½ @33½	37 @39	33 @39	47 @50½	24 @25½	25½ @26½
YEARS	30 @43	25 @35½	31 @44½	31½ @43½	27 @57	25 @50½	21 @28	21½ @31½

MONTHLY PRICES OF RYE.

Monthly range of quotations for No. 2 Rye, per bushel, at Cincinnati:

MONTHS.	1906	1905	1904	1903	1902	1901	1900	1899
January	68 @70½	80 @86	61 @64	55½ @59	66 @71½	58 @58½	59 @64	57 @65
February	65 @70	81½ @86	63 @81	57½ @58½	64 @67	56 @59	61 @65	60 @65
March	66 @70	84 @87	76 @80	56 @58½	63 @65	55 @59	60 @64	59 @66
April	66 @70	80 @86	74 @78	55 @58	62 @64	54 @58½	60 @63½	60 @66
May	66 @69	80 @83	75 @80	54 @58	60 @63½	57 @62	61 @63½	62 @68
June	62 @69	80 @83	76 @80	57 @58	54 @59	55 @61	61 @67	64 @68
July	58 @64	60 @83	73 @78	56 @57½	55½ @58	45 @55½	59 @66	57 @67
August	58 @62	56 @60	70 @76½	55 @60	51 @56	52½ @64	51½ @60	56 @60
September	60 @66	56 @66	75 @83	59½ @63	52½ @56½	56½ @60	53 @57	58 @66
October	65 @68½	67 @74	81 @87	61 @63	52 @53	56½ @59½	55 @59	61½ @65½
November	66½ @72	70 @74½	83 @87	58 @62	51 @54	57 @65½	52 @56	59 @64
December	69 @72½	70 @72	81 @86	59 @62½	51 @56	64½ @73	52 @55½	60 @65½
YEARS	58 @72½	56 @87	61 @87	54 @63	51 @71½	45 @73	51½ @67	56 @68

PRICES OF WHEAT AND RYE.

Quotations for No. 2 Red Winter Wheat and No. 2 Rye, per bushel, at Cincinnati, on Tuesday of each week, in three years:

No. 2 RED WINTER WHEAT.				No. 2 RYE.			
DATES.	1906	1905	1904	DATES.	1906	1905	1904
January 2..	91 @92	1 20	92½ @ 98	January 2..	69 @70	82 @ 83½	61 @62
9..	91 @92	1 20 @1 22	94 @ 94½	9..	68 @69½	80 @ 83	61 @62
16..	91 @92	1 20 @1 22	96 @ 97	16..	69 @70	80 @ 83	62 @63
23..	91½ @92½	1 19 @1 21	98	23..	69 @70	82 @ 86	63 @63½
30..	90 @91½	1 19 @1 20	98 @ 98½	30..	69 @70	82 @ 84	64 @64
February 6..	90 @91	1 18 @1 20	98½ @ 99	February 6..	69 @70	81½ @ 83½	64 @64
13..	90 @91	1 18 @1 20	1 02 @1 03	13..	69 @70	84 @ 86	68 @70
20..	88½ @89	1 18 @1 20	1 09 @1 10	20..	69 @70	84 @ 86	79 @80
27..	87½ @88½	1 18 @1 20	1 03 @1 07	27..	65 @67	85	79 @80
March 6..	85 @87	1 16 @1 18	1 00	March 6..	66 @68	84 @ 87	78 @79
13..	85 @86	1 14 @1 16	1 04 @1 05	13..	68 @70	84 @ 87	78 @79
20..	87 @88	1 15 @1 16	1 03 @1 04	20..	68 @70	86 @ 87	76 @78
27..	87½ @88½	1 12 @1 14	1 06 @1 07	27..	68 @70	86 @ 87	76 @78
April 3..	87 @88	1 10 @1 12	1 08 @1 09	April 3..	68 @70	85 @ 86	76 @78
10..	88 @89	1 08 @1 10	1 06½ @1 07	10..	66½ @68	83 @ 85	76 @78
17..	89½ @90½	1 07 @1 09	1 06½ @1 07	17..	66 @68	83 @ 86	76 @78
24..	89 @90	98 @ 99	1 05 @1 06	24..	66 @68½	83 @ 86	75 @76
May 1..	89 @90	98 @ 99	1 06 @1 07	May 1..	66 @68½	80 @ 83	76 @78
8..	89 @90½	98 @1 00	1 08 @1 08½	8..	66 @68	80 @ 83	78 @79
15..	91½ @92½	1 02 @1 04	1 09 @1 10	15..	66 @68	80 @ 83	78 @79
22..	92 @93	1 06	1 09 @1 10	22..	66 @69	80 @ 83	79 @80
29..	91 @92	1 05 @1 07	1 10 @1 11	29..	66 @69	80 @ 83	79 @80
June 5..	89½ @91	1 05 @1 06	1 10½	June 5..	66 @69	80 @ 83	79 @80
12..	89 @90	1 02 @1 04	1 03 @1 04	12..	63 @61	80 @ 83	79 @80
19..	89 @90	1 01 @1 03	1 05	19..	63 @64	80 @ 83	79 @80
26..	88 @89	1 04 @1 06	1 03½ @1 04½	26..	62 @64	80 @ 83	79 @80
July 3..	79½ @80	1 05 @1 07	1 06½ @1 06½	July 3..	62 @64	80 @ 83	76 @78
10..	76 @78	90 @ 92½	1 08 @1 08½	10..	62 @64	75 @ 80	74 @76
17..	77 @78	86 @ 88	1 00*	17..	58 @60	65 @ 70	74 @76
24..	75½ @76	88 @ 89	94 @ 95	24..	58	65 @ 68	73 @75
31..	73 @74	88½ @ 84	97	31..	58		74 @76
August 7..	71	88 @ 84	99 @1 00	August 7..	58 @60	58 @ 60	74 @76
14..	72 @72½	82 @ 83½	1 00 @1 01	14..	60 @61	57 @ 59	71 @73
21..	70½ @71	82 @ 83½	1 10 @1 12	21..	60 @61	56 @ 58	71 @73
28..	72½ @73	84	1 10 @1 12	28..	60 @61	56 @ 58	75 @76½
September 4..	72 @73	88 @ 84	1 10 @1 11	September 4..	60 @62	56 @ 58	75 @76
11..	71½ @72½	85 @ 87	1 15	11..	60 @62	56 @ 58	76 @78
18..	71½ @72½	86 @ 87	1 15 @1 16	18..	61 @63½	61 @ 62	78 @80
25..	74 @75	87½ @ 88½	1 18 @1 20	25..	63 @65	65 @ 66	78 @80
October 2..	75½ @76½	87½ @ 88½	1 20 @1 22	October 2..	65 @67	69 @ 70	81 @83
9..	75½ @76½	88 @ 89	1 18 @1 20	9..	66 @68	67 @ 70	85 @86½
16..	76½ @77	88½ @ 89½	1 20 @1 22	16..	66 @68	67 @ 71	85 @86½
23..	75½ @76	88 @ 89	1 20 @1 22	23..	66½ @68½	67 @ 71	85 @86
30..	76 @76½	89½ @ 90½	1 18 @1 20	30..	66½ @68½	73 @ 74	85 @87
November 6..	75½ @76	89	1 18 @1 20	November 6..	66½ @68½	73 @ 74	84 @86
13..	75½ @76½	90 @ 91	1 17 @1 19	13..	69 @71	72 @ 74	83 @85
20..	75½ @76½	89 @ 89½	1 16 @1 18	20..	70 @72	72 @ 74	84 @86½
27..	76 @77	88 @ 89½	1 15 @1 17	27..	70 @72	70 @ 71	84 @86
December 4..	76 @76½	90 @ 91	1 16 @1 18	December 4..	70 @72½	70 @ 71	81 @82
10..	76½	91 @ 92	1 16 @1 18	11..	70 @72½	70 @ 71	81 @82
18..	76½ @77	92 @ 93	1 16 @1 18	18..	70 @72½	70 @ 72	81 @82
25..	76 @76½	91 @ 92	1 18 @1 20	25..	70 @72	70 @ 72	81 @82

* New.

Months of lowest and highest prices of Wheat, in years indicated:

YEARS.	Lowest.	Highest.	YEARS.	Lowest.	Highest.
1897.....	July.....	August.....	1902.....	August.....	January.
1898.....	September.....	May.....	1903.....	March.....	December.
1899.....	August.....	January.....	1904.....	January.....	October.
1900.....	January.....	June.....	1905.....	August.....	January.
1901.....	July.....	December.....	1906.....	August.....	January.

PRICES OF CORN.

Quotations of Mixed Ear Corn and No. 2 Mixed Corn (shelled), per bushel, at Cincinnati, on Tuesday of each week, in three years:

MIXED EAR CORN.				NO. 2 MIXED CORN (SHELLED).			
DATES.	1906	1905	1904	DATES.	1906	1905	1904
January 2.....	42½ @ 44½	48 @ 49½	45 @ 46	January 2.....	44½ @ 45	46	.....
9.....	43 @ 44½	48 @ 49½	45½ @ 46	9.....	44½ @ 45	46	.....
16.....	45 @ 46	47½ @ 48½	46½ @ 47	16.....	46	45½	.....
23.....	45 @ 46	46 @ 47	46 @ 47	23.....	45½	45½	.....
30.....	44 @ 45	45 @ 46½	47 @ 48	30.....	44½	45½	.....
February 6.....	43 @ 44	47 @ 48	47½ @ 48	February 6.....	44½	46½	47½
13.....	43 @ 44	48 @ 49	52	13.....	44 @ 44½	46½	46½ @ 47
20.....	43 @ 44	47 @ 48	50½	20.....	43 @ 43½	47½	47
27.....	42 @ 43	49 @ 50	49 @ 50½	27.....	42 @ 42½	48 @ 48½	46½
March 6.....	44 @ 45	49 @ 50	47 @ 49½	March 6.....	43 @ 43½	49½ @ 50	47½
13.....	44 @ 45	51 @ 53	48 @ 49	13.....	44½ @ 45	51 @ 51½	47½ @ 48
20.....	44 @ 46	50 @ 53	47 @ 48	20.....	46½ @ 47	51½ @ 52	47½
27.....	45 @ 47	49 @ 50	50 @ 50½	27.....	46½ @ 47	49½ @ 50	49½ @ 50
April 3.....	45 @ 47	45½ @ 46½	52 @ 53	April 3.....	47 @ 47½	49 @ 50	53 @ 54
10.....	45 @ 47	48 @ 50	54 @ 55	10.....	47½	49 @ 49½	53½ @ 54
17.....	46 @ 48	48 @ 50	54½ @ 55	17.....	49 @ 49½	50 @ 50½	52½ @ 53
24.....	49 @ 51	49 @ 51	54 @ 55½	24.....	51½	50½ @ 51½	50½ @ 51
May 1.....	50 @ 52	49 @ 51	55½ @ 56½	May 1.....	52½	50½	51½ @ 52
8.....	50 @ 52	53 @ 54½	55½ @ 56½	8.....	52 @ 52½	51½ @ 52	53 @ 53½
15.....	56 @ 58	53 @ 54	55½ @ 56	15.....	52	53½ @ 54	55
22.....	58 @ 54	52 @ 53½	56 @ 57	22.....	53	54	54
29.....	53 @ 54	52 @ 53½	54 @ 55	29.....	51½ @ 52	54½	51½
June 5.....	51 @ 52	53 @ 55	51 @ 52	June 5.....	51½ @ 52	54	50½
12.....	51 @ 52	54 @ 55	50 @ 50½	12.....	53½ @ 54	56	50
19.....	51 @ 53	56 @ 57½	50 @ 51	19.....	54	56½ @ 57	48½ @ 49
26.....	55 @ 57½	58 @ 59	50 @ 51	26.....	53	56 @ 56½	49
July 3.....	55 @ 57	58 @ 59	54 @ 55	July 3.....	53½	57½	48½ @ 49
10.....	57 @ 59	58 @ 60	56	10.....	54	58½ @ 59	51½ @ 52
17.....	58 @ 60	58 @ 60	56	17.....	55	59	52 @ 52½
24.....	58 @ 59	59 @ 61	55½ @ 56	24.....	56½	59	53 @ 53½
31.....	58 @ 59	59 @ 61	55½ @ 56½	31.....	54½ @ 54½	56½	52½
August 7.....	52 @ 53	57 @ 59	56½	August 7.....	53½	56 @ 56½	53½ @ 54
14.....	52 @ 54	57 @ 59	57½	14.....	52 @ 52½	56½ @ 56	54½ @ 55
21.....	52 @ 54	56 @ 58	56 @ 57	21.....	50½	54 @ 54½	56½ @ 57
28.....	50 @ 52	53 @ 55	56½ @ 57	28.....	50½	54½ @ 55	55
September 4.....	50 @ 52	53 @ 55	56½ @ 57	September 4.....	50½	55½	55
11.....	48 @ 49	53 @ 55	57	11.....	49½	56½	55½
18.....	48 @ 49½	55 @ 57	56 @ 57½	18.....	49½	56½	56
25.....	48 @ 50	55 @ 57	56 @ 57	25.....	49½ @ 50	56 @ 56½	55½
October 2.....	48 @ 50	55 @ 57	57 @ 58	October 2.....	48 @ 48½	56 @ 56½	55½ @ 56
9.....	49 @ 50	57 @ 58	57 @ 58	9.....	48½ @ 49	56	56½ @ 57
16.....	50 @ 52	57 @ 58	56 @ 57	16.....	49 @ 49½	54 @ 54½	57 @ 57½
23.....	50 @ 52	45 @ 46	58 @ 59	23.....	49	52½ @ 53	58 @ 58½
30.....	50 @ 52	46	58 @ 59	30.....	48 @ 48½	53	57
November 6.....	48 @ 50	46 @ 47	45 @ 46	November 6.....	48	52½ @ 53	56½ @ 57
13.....	47 @ 49	45 @ 46	46	13.....	48 @ 48½	52½ @ 53	58
20.....	46 @ 47	40 @ 42	46 @ 46½	20.....	47½ @ 48	.....	58
27.....	46 @ 47	40 @ 41	46 @ 46½	27.....	48	45½	48
December 4.....	41 @ 42	40 @ 41	47	December 4.....	43½	45½	46½
11.....	42 @ 43	43 @ 44	46 @ 46½	11.....	43 @ 43½	47	45
18.....	42½ @ 43½	44 @ 45	46 @ 47	18.....	43½	45½ @ 46	45 @ 45½
25.....	43½ @ 44½	42 @ 44	47 @ 47½	25.....	44	45 @ 45½	45 @ 45½

* New.

Range of prices of No. 2 White Shelled Corn, at Cincinnati, monthly, in 1906:

January.....	44½ @ 46½	April.....	47½ @ 53	July.....	55 @ 57	October.....	49 @ 50½
February.....	42½ @ 45½	May.....	52½ @ 54	August.....	53 @ 56	November.....	48½ @ 49½
March.....	43½ @ 49	June.....	53 @ 58	September.....	49½ @ 53½	December.....	43½ @ 48½

NOTE.—General average for the year, 50 cents.

PRICES OF OATS.

Quotations for No. 2 Mixed Oats and No. 2 White Oats, per bushel, at Cincinnati, on Tuesday of each week, in three years:

No. 2 MIXED OATS.				No. 2 WHITE OATS.			
DATES.	1906	1905	1904	DATES.	1906	1905	1904
January 2.....	33 @34	33	38 @38½	January 2.....	34 @34½	33½	40 @40½
9.....	33½	33½	39 @40	9.....	34 @34½	33½	41 @41½
16.....	33½ @34	33½	42	16.....	34 @34½	33½	41 @41½
23.....	33 @33½	33	41 @41½	23.....	34 @34½	33½	43 @44
30.....	33	32½	42 @42½	30.....	34 @34½	33½	43 @43½
February 6.....	32½ @33	32½ @33½	42 @42½	February 6.....	34½	33½ @34	44½ @45
13.....	32½ @33	33 @33½	43 @43½	13.....	33 @33½	34	44½ @45½
20.....	32½	33 @33½	44	20.....	33 @33½	34	46½ @47½
27.....	32 @32½	33	44½	27.....	33 @33½	34½	46½ @47½
March 6.....	32½ @32½	33 @33½	44	March 6.....	33 @33½	34½	45½ @46
13.....	32½	33½	43½	13.....	33 @33½	34½	46½ @47
20.....	32½	34½	41½	20.....	33 @33½	36	45 @45½
27.....	32½ @33	33	42½ @43	27.....	34½	34½	45 @45½
April 3.....	33 @33½	31½ @31½	42½ @43	April 3.....	34½ @35	33	44½ @45
10.....	33½ @34	32½	41½ @42	10.....	35 @35½	33½ @33½	42½ @43
17.....	34 @34½	31½ @32	41 @42	17.....	36 @36½	33½ @34	43 @43½
24.....	34½ @35	31½ @32	40 @40½	24.....	35½ @36	33½	43 @43½
May 1.....	34	30½	41½ @42	May 1.....	35	32½	44 @44½
8.....	33 @34	30	42 @42½	8.....	35½ @36	33½	44½ @45
15.....	34½ @35	31½ @31½	42 @42½	15.....	35½ @36	33½ @34	46½ @47
22.....	36	32 @32½	42	22.....	36½	34 @34½	44½ @45
29.....	36	32 @32½	42 @42½	29.....	37 @37½	34	43½ @44
June 5.....	37 @38	32½ @33½	43 @43½	June 5.....	37½ @38	33½ @33½	45
12.....	38½ @39	32½ @33	43	12.....	38½ @40	33½ @34	45½ @46
19.....	42 @42½	33	42½ @42½	19.....	44 @44½	33½	45
26.....	40 @41	33 @33½	41	26.....	42	34 @34½	44 @44½
July 3.....	39½ @40	33 @33½	40½ @41	July 3.....	41 @41½	34	44
10.....	39 @39½	33½ @33½	40 @40½	10.....	40½ @41	35½	43 @43½
17.....	40	33 @33½	41	17.....	41½ @42	35½ @36	43½
24.....	37½ @38	33 @33½	40½	24.....	40	32½ @33	44
31.....	*34	*28	39½ @40½	31.....	*36	30	42½ @43
August 7.....	30 @30½	26	33½	August 7.....	31½ @32½	27½ @28½	*34½ @35
14.....	33 @33½	25	33½	14.....	33 @33½	28½ @29½	35 @35½
21.....	32	25 @25½	33½ @33½	21.....	32½ @33½	28 @29	35 @35½
28.....	31½	25 @26	33	28.....	31½ @32½	28 @29	35
September 4.....	32	26 @26½	33 @33½	September 4.....	33 @33½	27½ @28	33½
11.....	33	27 @27½	33½	11.....	33½	28 @28½	34½ @35
18.....	34	27 @28½	33½ @34	18.....	35	29½ @30	34½ @35
25.....	34½ @35½	29 @30	33 @33½	25.....	35 @35½	30½	33½
October 2.....	36 @36½	29 @30	33½ @33½	October 2.....	36½ @37	30½ @31	33½ @34
9.....	36½	29	32½	9.....	37½	30½	33
16.....	35½ @36	29 @30	31½ @32½	16.....	36½ @37	31	33
23.....	35 @35½	30	31½ @31½	23.....	35½ @36	31 @31½	32½
30.....	35½	31 @32	31½	30.....	36 @37	33	32½ @32½
November 6.....	35½	32 @32½	31 @31½	November 6.....	36 @36½	32½ @33	32
13.....	35½ @36	33 @33½	32½	13.....	36½ @37	33 @33½	33
20.....	35½ @36½	33 @33½	33 @33½	20.....	36½ @37½	33½ @34½	33½ @34
27.....	36 @36½	33 @33½	32½ @33	27.....	37	35	33½
December 4.....	36 @36½	33	33	December 4.....	37 @37½	35	33½
11.....	36½ @37	34 @34½	33	11.....	37 @37½	35 @35½	34
18.....	37 @38	34 @34½	33 @33½	18.....	39 @39½	35 @36	34
25.....	37 @37½	34 @34½	33½	25.....	38½ @39	34 @35	34

*New.

PRICES OF MALT.

Prices of Spring Barley Malt ranged during 1906 by months as follows:

January.....	58@65	April.....	58@65	July.....	65@75	October.....	62@70
February.....	58@65	May.....	60@65	August.....	65@75	November.....	62@70
March.....	58@65	June.....	60@75	September.....	65@75	December.....	62@72

NOTE.—General average for the year 1906, 65 cents.

MONTHLY RECEIPTS AND SHIPMENTS OF GRAIN.

Monthly receipts and shipments of Grain, in bushels, at Cincinnati, for the year ending December 31, 1906, exclusive of through movement:

MONTHS.	RECEIPTS.					SHIPMENTS.				
	WHEAT.	CORN.	OATS.	RYE.	BARLEY.	WHEAT.	CORN.	OATS.	RYE.	BARLEY.
January.....	223,574	773,566	790,920	78,396	252,750	248,038	561,964	728,639	49,696	215,110
February.....	334,386	820,705	486,549	30,523	158,218	290,050	384,148	354,647	25,466	110,024
March.....	312,260	609,818	580,446	42,882	102,536	299,228	328,424	414,479	39,416	15,566
April.....	241,818	534,359	340,082	30,164	25,522	206,814	323,270	251,263	14,822	1,466
May.....	203,692	791,570	442,822	43,482	9,000	173,058	414,254	253,082	7,488	62
June.....	230,372	921,030	546,678	31,966	15,000	221,434	637,988	282,718	1,116	50
July.....	394,546	519,996	378,299	10,194	.. ..	256,162	505,080	207,887	10,590	10
August.....	385,370	800,116	892,862	59,779	.. ..	50	887,022	581,278	691,818	21,478
September....	354,682	554,810	614,530	38,260	26,254	228,743	486,528	447,902	11,822	30
October.....	244,684	687,478	755,832	101,446	119,092	135,396	380,202	236,976	10,424	.....
November.....	234,540	700,944	529,968	86,468	149,092	224,758	283,625	267,419	33,102	80
December.....	181,898	625,418	379,524	94,226	94,110	108,378	364,448	246,911	44,154	1,000
Totals.....	3,291,822	8,339,810	6,738,482	647,806	946,624	2,777,081	5,251,159	4,878,191	269,574	313,848

STOCKS OF FLOUR.

Stocks of Flour, at Cincinnati, on date indicated, representing barrels:

DATES.	WHEAT.	RYE.	TOTAL.	DATES.	WHEAT.	RYE.	TOTAL.
June 1, 1898.....	34,837	2,157	37,094	January 1, 1898...	44,084	2,053	46,087
June 1, 1899.....	42,027	2,820	44,847	January 1, 1899...	40,752	2,842	43,594
June 1, 1900.....	35,653	1,449	37,102	January 1, 1900...	44,514	1,573	46,087
June 1, 1901.....	39,749	1,285	41,034	January 1, 1901...	45,494	1,865	47,859
June 1, 1902.....	42,832	1,597	44,429	January 1, 1902...	39,968	1,321	41,289
June 1, 1903.....	52,537	1,682	54,219	January 1, 1903...	54,399	2,014	56,413
Jan. 1, 1894.....	48,876	1,121	49,997	January 1, 1904...	48,828	1,255	50,083
Jan. 1, 1895.....	50,483	2,386	52,869	January 1, 1905...	47,522	1,686	49,208
Jan. 1, 1896.....	45,255	1,914	47,169	January 1, 1906...	63,024	2,875	65,899
Jan. 1, 1897.....	36,691	3,037	39,728	January 1, 1907...	57,881	1,700	59,581

UNITED STATES CEREAL PRODUCTION.

Department of Agriculture estimates of Cereal Crops, representing bushels:

YEARS.	WHEAT.	CORN.	OATS.	RYE.	BARLEY.	BUCKWHEAT.	TOTAL.
1891.....	611,780,000	2,060,154,000	738,394,000	33,000,000	80,000,000	12,000,000	3,535,000,000
1892.....	515,949,000	1,628,464,000	661,035,000	30,000,000	72,000,000	11,000,000	2,918,000,000
1893.....	396,132,000	1,619,496,000	638,855,000	26,555,000	69,969,000	12,132,000	2,763,089,000
1894.....	460,267,000	1,212,770,000	662,037,000	26,727,000	61,400,000	12,668,000	2,435,869,000
1895.....	467,103,000	2,151,138,000	824,443,000	27,210,000	87,073,000	15,341,000	3,572,308,000
1896.....	427,684,000	2,283,875,000	707,346,000	24,369,000	69,695,000	14,090,000	3,512,969,000
1897.....	530,149,000	1,902,968,000	698,768,000	27,363,000	66,685,000	14,997,000	3,240,930,000
1898.....	675,149,000	1,924,185,000	730,905,000	25,657,000	55,792,000	11,722,000	3,423,410,000
1899.....	547,304,000	2,078,144,000	796,178,000	23,962,000	73,381,000	11,094,000	3,530,063,000
1900.....	522,230,000	2,105,102,000	809,126,000	23,996,000	58,926,000	9,567,000	3,528,947,000
1901.....	748,460,000	1,522,520,000	736,809,000	30,345,000	109,933,000	15,126,000	3,163,193,000
1902.....	670,063,000	2,523,648,000	987,842,000	33,630,000	134,954,000	14,530,000	4,364,667,000
1903.....	637,822,000	2,214,177,000	784,094,000	29,363,000	131,861,000	14,243,000	3,841,560,000
1904.....	552,400,000	2,467,481,000	894,595,000	27,235,000	139,749,000	15,008,000	4,096,468,000
1905.....	692,979,000	2,707,993,000	953,216,000	27,618,000	136,651,000	14,585,000	4,533,040,000
1906.....	735,261,000	2,927,416,000	964,904,000	33,375,000	178,916,000	14,642,000	4,854,514,000

PRICES OF FLOUR.

Quotations for Winter Family, Extra and Low grades and Spring Family Flour, at Cincinnati, on Tuesday of each week, in two years:

DATES.	WINTER FAMILY.		EXTRA.		LOW GRADES.		SPRING FAMILY.	
	1906	1905	1906	1905	1906	1905	1906	1905
January	2.... \$3 35@3 60	\$4 25@4 60	\$2 90@3 20	\$3 75@4 00	\$2 60@2 80	\$3 20@3 50	\$3 70@3 90	\$4 70@4 90
	9.... 3 85@3 60	4 25@4 60	2 90@3 20	3 75@4 00	2 60@2 80	3 20@3 50	3 70@3 90	4 70@4 90
	16.... 3 85@3 60	4 35@4 70	2 90@3 20	3 85@4 05	2 60@2 80	3 25@3 60	3 70@3 90	4 80@5 00
	23.... 3 85@3 60	4 35@4 70	2 90@3 20	3 85@4 05	2 60@2 80	3 25@3 60	3 70@3 90	4 80@5 00
	30.... 3 85@3 60	4 35@4 70	2 90@3 20	3 85@4 05	2 60@2 80	3 25@3 60	3 70@3 90	4 80@5 00
February	6.... 3 85@3 60	4 35@4 70	2 90@3 20	3 85@4 05	2 60@2 80	3 25@3 60	3 65@3 80	4 80@5 00
	13.... 3 85@3 60	4 35@4 70	2 90@3 20	3 85@4 05	2 60@2 80	3 25@3 60	3 65@3 80	4 80@5 00
	20.... 3 20@3 40	4 35@4 70	2 85@3 10	3 85@4 05	2 55@2 75	3 25@3 60	3 55@3 70	4 80@5 00
	27.... 3 20@3 40	4 35@4 70	2 80@3 00	3 50@3 90	2 45@2 70	3 00@3 30	3 40@3 60	4 25@4 50
March	6.... 3 10@3 35	4 25@4 65	2 65@2 90	3 50@3 90	2 45@2 60	3 00@3 30	3 40@3 60	4 25@4 50
	13.... 3 10@3 35	4 25@4 65	2 65@2 90	3 50@3 90	2 45@2 60	2 90@3 20	3 40@3 60	4 25@4 50
	20.... 3 10@3 35	4 25@4 65	2 65@2 90	3 50@3 90	2 45@2 60	2 90@3 20	3 40@3 60	4 25@4 50
	27.... 3 10@3 35	4 25@4 65	2 65@2 90	3 50@3 90	2 45@2 60	2 90@3 20	3 40@3 60	4 25@4 50
April	3.... 3 10@3 35	4 15@4 50	2 65@2 90	3 15@3 65	2 45@2 60	2 80@3 00	3 30@3 50	4 15@4 35
	10.... 3 10@3 35	4 15@4 50	2 65@2 90	3 15@3 65	2 45@2 60	2 80@3 00	3 30@3 50	4 15@4 35
	17.... 3 10@3 35	4 15@4 50	2 65@2 90	3 15@3 65	2 45@2 60	2 80@3 00	3 30@3 50	4 15@4 35
	24.... 3 20@3 45	4 00@4 35	2 75@3 00	3 00@3 60	2 55@2 70	2 75@3 00	3 40@3 60	4 15@4 35
May	1.... 3 20@3 45	3 75@4 00	2 75@3 00	3 00@3 25	2 55@2 70	2 70@2 90	3 40@3 60	4 15@4 35
	8.... 3 20@3 45	3 75@4 00	2 75@3 00	3 00@3 25	2 55@2 70	2 70@2 90	3 40@3 60	4 15@4 35
	15.... 3 20@3 45	3 75@4 00	2 75@3 00	3 00@3 25	2 55@2 70	2 70@2 90	3 40@3 60	4 15@4 35
	22.... 3 20@3 45	3 75@4 00	2 75@3 00	3 00@3 25	2 55@2 70	2 70@2 90	3 40@3 60	4 15@4 35
	29.... 3 20@3 45	3 75@4 00	2 75@3 00	3 00@3 25	2 55@2 70	2 70@2 90	3 40@3 60	4 15@4 35
June	5.... 3 25@3 45	3 75@4 00	2 75@3 00	3 00@3 25	2 55@2 70	2 70@2 90	3 40@3 60	4 15@4 35
	12.... 3 25@3 45	3 75@4 00	2 75@3 00	3 00@3 25	2 55@2 70	2 70@2 90	3 40@3 60	4 15@4 35
	19.... 3 25@3 45	3 50@3 85	2 80@3 00	3 00@3 25	2 60@2 75	2 70@2 90	3 45@3 60	4 15@4 35
	26.... 3 25@3 45	3 50@3 85	2 80@3 00	3 00@3 25	2 60@2 75	2 70@2 90	3 45@3 60	4 15@4 35
July	3.... 3 25@3 45	3 35@3 85	2 80@3 00	3 00@3 25	2 60@2 75	2 70@2 90	3 45@3 60	4 15@4 35
	10.... 3 25@3 45	3 35@3 85	2 80@3 00	3 00@3 25	2 60@2 75	2 70@2 90	3 45@3 60	4 15@4 35
	17.... 3 15@3 35	3 35@3 85	2 70@2 90	3 00@3 25	2 50@2 65	2 70@2 90	3 45@3 60	4 15@4 35
	24.... 3 15@3 35	3 35@3 85	2 70@2 90	3 00@3 25	2 50@2 65	2 70@2 90	3 45@3 60	4 15@4 35
	31.... 3 00@3 25	3 50@3 75	2 65@2 85	3 00@3 25	2 45@2 60	2 70@2 90	3 45@3 60	4 00@4 25
August	7.... 3 00@3 25	3 40@3 65	2 65@2 85	2 90@3 15	2 45@2 60	2 60@2 80	3 45@3 60	3 90@4 15
	14.... 3 00@3 25	3 40@3 65	2 65@2 85	2 90@3 15	2 45@2 60	2 60@2 80	3 45@3 60	3 90@4 15
	21.... 2 70@3 00	3 25@3 50	2 40@2 60	2 80@3 10	2 20@2 40	2 50@2 70	3 20@3 35	3 90@4 15
	28.... 2 70@3 00	3 25@3 50	2 40@2 60	2 80@3 10	2 20@2 40	2 50@2 70	3 20@3 35	3 90@4 15
September	4.... 2 70@3 00	3 10@3 40	2 40@2 60	2 70@3 00	2 20@2 40	2 40@2 60	3 20@3 35	3 80@4 00
	11.... 2 70@3 00	3 10@3 40	2 40@2 60	2 70@3 00	2 20@2 40	2 40@2 60	3 20@3 35	3 80@4 00
	18.... 2 70@3 00	3 20@3 50	2 40@2 60	2 80@3 10	2 20@2 40	2 50@2 70	3 20@3 35	3 80@4 00
	25.... 2 70@3 00	3 20@3 50	2 40@2 60	2 80@3 10	2 20@2 40	2 50@2 70	3 20@3 35	3 80@4 00
October	2.... 2 70@3 00	3 20@3 50	2 40@2 60	2 80@3 10	2 20@2 40	2 50@2 70	3 20@3 35	3 80@4 00
	9.... 2 70@3 00	3 20@3 50	2 40@2 60	2 80@3 10	2 20@2 40	2 50@2 70	3 20@3 35	3 80@4 00
	16.... 2 70@3 00	3 20@3 50	2 40@2 60	2 80@3 10	2 20@2 40	2 50@2 70	3 20@3 35	3 80@4 00
	23.... 2 70@3 00	3 20@3 50	2 40@2 60	2 80@3 10	2 20@2 40	2 50@2 70	3 20@3 35	3 80@4 00
November	6.... 2 70@3 00	3 30@3 60	2 40@2 60	2 90@3 20	2 20@2 40	2 60@2 80	3 20@3 35	3 80@4 00
	13.... 2 70@3 00	3 30@3 60	2 40@2 60	2 90@3 20	2 20@2 40	2 60@2 80	3 20@3 35	3 80@4 00
	20.... 2 70@3 00	3 30@3 60	2 40@2 60	2 90@3 20	2 20@2 40	2 60@2 80	3 20@3 35	3 80@4 00
	27.... 2 70@3 00	3 25@3 60	2 40@2 60	2 90@3 20	2 20@2 40	2 60@2 80	3 20@3 35	3 80@4 00
December	4.... 2 70@3 00	3 25@3 60	2 40@2 60	2 90@3 20	2 20@2 40	2 60@2 80	3 20@3 35	3 80@4 00
	11.... 2 70@3 00	3 25@3 60	2 40@2 60	2 90@3 20	2 20@2 40	2 60@2 80	3 20@3 35	3 80@4 00
	18.... 2 70@3 00	3 25@3 60	2 40@2 60	2 90@3 20	2 20@2 40	2 60@2 80	3 20@3 35	3 80@4 00
	25.... 2 70@3 00	3 25@3 60	2 40@2 60	2 90@3 20	2 20@2 40	2 60@2 80	3 20@3 35	3 80@4 00

Monthly movement of Flour, representing barrels, at Cincinnati, in 1906:

MONTHS.	Receipts.	Shipm'ts.	MONTHS.	Receipts.	Shipm'ts.	MONTHS.	Receipts.	Shipm'ts.
January	137,684	94,984	May	91,250	60,635	September.....	149,765	89,562
February	136,091	101,008	June	101,807	59,345	October	159,089	70,085
March	159,007	124,896	July	111,412	70,898	November	126,642	76,107
April	124,046	80,480	August	131,582	96,121	December	118,300	75,223

YEARLY PRICES OF FLOUR.

Average yearly prices of Family, Extra and Low grades of Winter Wheat Flour, and Family grade of Spring Wheat Flour, also lowest and highest range of prices yearly of Winter Family grade, per barrel, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	AVERAGE ANNUAL PRICES.				WINTER FAMILY.	
	Winter Family.	Winter Extra.	Winter Low Grades.	Spring Family.	Lowest.	Highest.
1879-80.....	\$5 52	\$4 85	\$4 11	\$5 77	\$4 40@4 85	\$3 25@6 50
1880-81.....	5 18	4 51	3 80	5 41	4 25@4 65	6 85@7 10
1881-82.....	6 18	5 56	4 82	6 95	4 50@5 25	7 25@7 40
1882-83.....	4 76	4 06	3 46	5 56	4 10@4 40	5 15@5 40
1883-84.....	4 64	3 58	3 09	5 14	3 60@4 00	4 85@5 15
1884-85.....	3 88	3 23	2 90	4 28	3 00@3 50	4 50@4 90
1885-86.....	4 05	3 33	2 89	4 10	3 25@3 60	4 50@4 75
1886-87.....	3 46	2 97	2 65	3 70	3 00@3 30	3 75@4 00
1887-88.....	3 52	3 03	2 69	3 88	3 00@3 30	3 85@4 15
1888-89.....	4 03	3 45	2 99	4 49	3 15@3 40	4 90@5 25
1889-90.....	3 29	2 79	2 34	3 84	2 80@3 00	4 00@4 35
1890-91.....	4 04	3 64	3 06	4 60	3 50@3 75	4 50@4 65
1891-92.....	3 65	3 20	2 70	4 20	2 50@2 85	4 00@4 15
1892.....	3 10	2 70	2 25	3 70	2 25@2 65	3 75@3 85
1893.....	2 80	2 00	1 75	2 95	2 00@2 15	2 40@2 60
1894.....	2 10	1 92	1 75	2 47	2 00@2 10	2 15@2 25
1895.....	2 72	2 43	2 12	2 79	2 00@2 10	3 55@3 80
1896.....	2 90	2 37	2 00	2 89	2 20@2 50	3 75@4 00
1897.....	3 55	3 04	2 55	3 72	3 00@3 35	3 75@4 00
1898.....	3 43	3 00	2 54	3 90	2 35@2 60	5 00@5 25
1899.....	2 55	2 14	1 88	3 03	2 35@2 60	2 55@2 75
1900.....	2 96	2 24	1 94	3 11	2 35@2 70	3 25@3 50
1901.....	2 64	2 25	1 99	2 99	2 20@2 55	3 00@3 25
1902.....	3 00	2 75	2 55	3 05	2 70@2 90	3 10@3 35
1903.....	3 15	2 70	2 45	3 50	2 65@2 90	3 25@3 55
1904.....	4 15	3 55	3 10	4 40	3 25@3 55	4 45@4 70
1905.....	3 85	3 25	2 85	4 20	3 10@3 40	4 35@4 70
1906.....	3 15	2 75	2 60	3 50	2 70@3 00	3 35@3 60

NOTE.—Quotations under heading of Low Grades were for Winter Superfine prior to 1889-90.

MONTHLY PRICES OF MILL FEED.

Range of monthly prices of Bran, Coarse Middlings, Fine Middlings and Mixed Feed, per ton, at Cincinnati, during the year 1906, as indicated:

MONTHS.	BRAN.	COARSE MIDDINGS.	FINE MIDDINGS.	MIXED FEED.
January.....	\$16 25 @ 17 50	\$17 50 @ 19 50	\$18 50 @ 21 00	\$17 00 @ 19 00
February.....	17 00 @ 17 50	18 50 @ 19 50	20 00 @ 21 00	18 00 @ 19 00
March.....	17 00 @ 18 50	18 50 @ 20 50	20 00 @ 22 00	18 00 @ 20 00
April.....	18 00 @ 19 50	19 50 @ 20 50	21 00 @ 22 00	19 00 @ 20 50
May.....	18 50 @ 19 50	19 50 @ 20 50	21 00 @ 22 00	19 50 @ 20 50
June.....	16 50 @ 19 50	18 00 @ 20 50	19 00 @ 22 00	17 50 @ 20 50
July.....	16 50 @ 17 50	18 00 @ 19 00	19 00 @ 20 00	17 50 @ 18 00
August.....	15 00 @ 17 50	17 00 @ 19 00	18 00 @ 20 00	15 50 @ 18 00
September.....	16 50 @ 17 75	17 00 @ 19 00	18 00 @ 21 00	17 00 @ 19 00
October.....	17 25 @ 19 75	18 00 @ 21 50	20 00 @ 22 50	18 00 @ 20 50
November.....	19 00 @ 19 75	20 50 @ 21 50	21 50 @ 22 50	19 75 @ 20 50
December.....	19 00 @ 20 75	20 50 @ 22 50	21 50 @ 23 50	19 75 @ 21 50

ANNUAL RECEIPTS AND SHIPMENTS OF HOG PRODUCT.

Annual receipts of Hog Product, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently:

YEARS.	Pork, bbls.	Bacon, lbs.	Hams, lbs.	D.S.Meats, in boxes, lbs.	*D.S.Meats, loose, lbs.	Total Meats, lbs.	Lard, in bbls. or tcs. lbs.
1881-82.....	8,084	1,201,546	4,525,791	1,906,250	42,106,174	49,739,761	6,755,006
1882-83.....	7,260	781,400	4,323,214	1,679,000	23,801,430	30,585,044	7,845,508
1883-84.....	8,846	950,017	5,584,619	780,500	40,827,342	48,092,478	7,187,949
1884-85.....	9,078	1,089,548	7,046,047	2,179,900	59,766,610	70,082,100	12,002,688
1885-86.....	18,406	712,814	8,987,084	3,730,110	82,137,199	93,567,167	13,824,712
1886-87.....	10,973	553,330	7,170,410	4,849,500	67,764,992	80,338,232	22,151,299
1887-88.....	6,999	784,960	6,438,392	5,139,350	52,132,914	64,496,106	15,060,905
1888-89.....	10,824	1,946,331	7,276,160	5,972,630	56,817,656	72,012,777	14,471,066
1889-90.....	7,278	5,034,610	8,986,027	9,717,500	51,645,188	75,333,320	14,599,057
1890-91.....	5,438	5,841,070	8,601,310	11,042,000	71,157,590	96,701,070	21,288,600
1891-92.....	11,582	5,942,090	9,791,783	8,571,000	77,744,551	102,049,924	26,248,270
1892.....	12,168	5,632,480	10,134,903	7,985,000	68,908,224	92,570,307	20,669,630
1893.....	6,956	4,450,320	5,875,670	5,446,000	42,500,900	58,272,890	15,625,710
1894.....	6,872	4,533,200	9,727,430	8,282,500	47,543,970	70,087,100	34,251,870
1895.....	6,439	7,242,309	9,981,186	4,715,000	72,173,964	94,112,359	29,825,660
1896.....	8,123	7,130,618	10,936,445	1,991,500	74,847,596	94,906,559	54,962,280
1897.....	6,867	8,107,081	11,747,161	4,728,500	84,419,192	109,001,884	59,248,050
1898.....	7,684	8,939,225	10,607,747	5,737,500	106,317,704	131,602,176	50,138,670
1899.....	4,689	5,407,369	13,903,468	6,339,327	107,520,077	133,170,336	55,468,300
1900.....	4,339	4,978,000	7,254,135	5,408,500	111,583,237	129,308,872	51,000,446
1901.....	7,696	3,478,375	11,451,391	11,926,500	140,641,491	167,497,757	44,827,334
1902.....	7,258	1,945,386	6,575,034	10,046,500	110,458,369	129,022,389	31,144,879
1903.....	1,431	1,241,004	7,583,283	6,436,500	85,261,843	100,526,630	25,335,227
1904.....	8,426	1,010,103	5,966,008	3,764,500	83,917,486	94,658,997	34,903,544
1905.....	4,170	1,517,569	7,136,275	5,775,500	88,860,064	103,289,798	44,989,341
1906.....	2,155	2,844,091	6,801,830	6,380,500	93,900,393	109,926,814	84,985,004

* Including Green Meats.

Annual shipments of Hog Product, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently:

YEARS.	Pork, bbls.	Bacon, lbs.	Hams, lbs.	D.S.Meats, in boxes, lbs.	D.S.Meats, loose, lbs.	Total Meats, lbs.	Lard, in bbls. or tcs. lbs.
1881-82.....	17,508	20,822,492	13,697,246	8,751,840	48,904,210	92,175,738	24,205,955
1882-83.....	25,035	13,959,498	13,642,320	9,329,477	45,381,523	82,312,818	31,016,021
1883-84.....	19,495	16,781,225	13,730,304	6,153,790	52,007,307	86,672,596	25,019,197
1884-85.....	21,533	15,408,951	15,833,615	7,210,900	66,354,504	104,807,990	29,605,373
1885-86.....	19,813	17,804,775	16,719,140	7,027,115	95,275,105	130,826,135	34,280,705
1886-87.....	21,400	14,964,148	15,251,892	8,709,750	71,194,035	110,119,735	37,850,280
1887-88.....	10,157	12,751,470	12,285,099	6,728,250	57,032,097	86,796,916	27,328,732
1888-89.....	14,101	15,057,055	15,192,010	8,781,030	64,875,376	103,905,471	30,767,221
1889-90.....	9,868	18,451,619	17,272,446	12,623,300	54,522,322	102,899,727	32,944,779
1890-91.....	7,343	18,577,439	17,219,945	12,903,500	75,999,592	124,700,476	35,995,984
1891-92.....	12,771	18,258,240	19,249,575	10,716,830	81,920,733	130,140,428	40,582,995
1892.....	13,247	17,052,725	18,600,245	9,768,700	70,670,218	116,091,838	34,556,845
1893.....	6,990	11,902,410	10,102,805	4,665,500	41,581,805	68,252,520	25,169,865
1894.....	5,417	9,914,390	13,107,200	7,522,500	49,949,590	80,494,590	47,721,590
1895.....	5,801	12,351,390	13,557,930	5,689,500	75,754,619	107,333,039	46,475,790
1896.....	7,726	14,159,414	15,986,905	5,424,000	76,067,621	111,637,917	73,058,310
1897.....	6,426	16,073,390	16,149,880	5,983,500	83,702,302	121,909,572	75,563,590
1898.....	7,829	19,249,094	18,969,561	8,085,200	108,107,523	154,411,378	65,952,250
1899.....	5,280	20,605,718	24,815,470	12,087,000	110,191,864	167,700,052	76,886,410
1900.....	4,568	18,868,339	18,272,910	9,360,500	109,957,719	156,459,458	67,802,658
1901.....	8,446	19,420,668	22,893,827	16,291,000	139,370,681	197,976,767	58,424,450
1902.....	7,090	12,011,547	15,552,892	10,898,000	110,387,764	148,806,203	43,649,318
1903.....	1,539	6,576,403	14,358,380	7,038,000	83,187,081	111,159,864	36,099,790
1904.....	3,592	6,328,739	13,191,747	6,395,000	90,108,146	116,018,632	47,774,711
1905.....	3,577	5,318,932	10,164,536	9,070,500	93,842,794	118,336,732	61,036,517
1906.....	2,048	5,336,738	8,939,759	10,076,500	88,626,877	112,979,874	45,566,299

PRICES OF MESS PORK, HAMS AND LARD.

Quotations for Mess Pork, per barrel, the best Sugar-cured Hams and for Winter Prime Steam Lard, per pound, at Cincinnati, on Tuesday of each week, during two calendar years:

DATES.	MESS PORK.		SUGAR-CURED HAMS.		PRIME STEAM LARD.	
	1906	1905	1906	1905	1906	1905
January 2.....	13.75	\$12 50	11.00	11.00	7.20 @7.25	6.55 @6.65
9.....	14.00	12 75	11.00	10.75	7.40 @7.45	6.35 @6.40
16.....	14.00	12 50	11.00	10.75	7.35 @7.40	6.30 @6.35
23.....	14.00	18 00	11.00	10.75	7.35 @7.40	6.50 @6.60
30.....	14.00	18 00	11.50	10.75	7.25 @7.30	6.45 @6.50
February 6.....	14.75	18 00	11.50	10.75	7.35 @7.40	6.40 @6.50
13.....	15.50	18 00	11.50	10.75	7.45 @7.50	6.45 @6.50
20.....	15.75	18 00	12.00	10.75	7.40	6.40 @6.50
27.....	15.50	18 00	12.00	10.75	7.35 @7.40	6.55 @6.60
March 6.....	15.75	18 00	12.00	10.75	7.50 @7.55	6.60 @6.65
13.....	15.75	18 00	12.50	10.75	7.40 @7.45	6.60 @6.65
20.....	16.50	18 00	12.50	11.00	7.90 @8.00	6.80 @6.85
27.....	16.50	18 00	12.50	11.00	8.05 @8.10	6.80 @6.85
April 3.....	16.50	18 25	12.50	10.50@11.00	8.00 @8.15	6.80 @6.90
10.....	16.50@16.75	18 50	18 00@18.50	10.50@11.00	8.20 @8.25	6.85 @6.95
17.....	16.50@16.75	18 50	18.00@18.50	10.50@11.00	8.45 @8.50	7.00
24.....	16.50@16.75	18 00	12.50@18.50	10.50@11.00	8.30 @8.40	6.85 @6.95
May 1.....	16.50@16.75	12 50	12.50@18.50	10.50@11.00	8.35 @8.45	6.75 @6.80
8.....	16.50@16.75	12 50	12.50@18.50	11.00@11.50	8.20 @8.30	6.85 @6.90
15.....	16.50@16.75	18 00	12.50@18.50	11.50@12.00	8.25 @8.35	6.85 @6.90
22.....	16.50@16.75	18 00	18.00@14.00	11.50@12.00	8.30 @8.40	6.80 @6.95
29.....	16.75@17.00	18 00	12.50@14.00	11.50@12.00	8.50 @8.60	6.80 @6.90
June 5.....	16.75@17.00	18 00	12.50@14.00	12.00@12.50	8.35 @8.40	6.85 @6.95
12.....	16.75@17.00	18 00	13.50@14.50	12.00@12.50	8.55 @8.65	6.80 @6.90
19.....	16.75@17.00	18 00	13.50@14.50	12.00@12.50	8.50 @8.55	6.80 @6.90
26.....	16.75@17.00	18 00	13.50@14.50	12.00@12.50	8.45 @8.55	6.85
July 3.....	16.75@17.00	18 00	14.00@14.50	12.00@12.50	8.60 @8.65	6.85
10.....	17.75@18.00	18 00	14.00@14.50	12.00@12.50	8.65 @8.70	6.70 @6.75
17.....	18.00@18.50	18 00	14.00@14.50	12.00@12.50	8.65 @8.70	6.75 @6.85
24.....	18.00@18.50	18 00	14.00@14.50	12.00@12.50	8.60 @8.65	6.80 @6.85
31.....	17.80@18.00	18 50	14.00@14.50	12.00@12.50	8.40 @8.45	6.95 @7.00
August 7.....	17.80@18.00	14 00	14.00@14.50	12.50@13.00	8.55 @8.65	7.15 @7.20
14.....	17.50@17.75	14 50	14.00@14.50	12.50@13.00	8.37½ @8.45	7.45 @7.50
21.....	17.50@17.75	14 50	14.00@14.50	12.50@13.00	8.47½ @8.45	7.60 @7.65
28.....	17.50@17.75	14 75	14.00@14.50	12.50@13.00	8.45 @8.50	7.65 @7.75
September 4.....	17.50@17.75	15 50	14.00@14.50	12.50@13.00	8.35 @8.45	7.60 @7.65
11.....	17.50@17.75	15 50	14.50@15.00	12.50@13.00	8.35 @8.40	7.25 @7.30
18.....	17.25@17.50	15 50	14.50@15.00	12.50@13.00	8.50 @8.60	7.20 @7.30
25.....	17.00@17.25	15 50	14.50@15.00	12.50@13.00	8.55 @8.65	7.10 @7.15
October 2.....	17.00@17.25	15 00	14.50@15.00	12.00	8.55 @8.65	7.00 @7.10
9.....	17.00@17.25	15 00	14.50@15.00	12.00	8.60 @8.70	7.00
16.....	17.00@17.25	15 00	14.50@15.00	12.00	8.90 @9.00	7.00 @7.05
23.....	17.00@17.25	15 00	14.50@15.00	11.50	9.00 @9.10	6.95 @7.00
30.....	17.00@17.25	14 00	14.50@15.00	11.50	9.00 @9.10	6.90 @6.95
November 6.....	17.00@17.25	14 00	14.50@15.00	11.50	9.00 @9.10	6.90 @6.95
13.....	16.75@17.00	14 00	14.50@15.00	11.50	8.90 @9.00	6.85 @6.90
20.....	16.75@17.00	18 00	14.50@15.00	11.50	8.90 @9.00	6.90 @6.95
27.....	16.75@17.00	18 50	14.50@15.00	11.50	8.70 @8.80	7.10
December 4.....	16.50@16.75	18 75	14.50@15.00	11.50	8.50 @8.60	7.15 @7.20
11.....	16.50@16.75	18 50	14.00@14.50	11.50	8.60 @8.70	7.35 @7.45
18.....	16.50@16.75	18 50	14.00@14.50	11.00	8.75 @8.85	7.35 @7.40
25.....	16.50@16.75	18 75	14 00@14.50	11.00	8.95 @9.05	7.30 @7.35

Exports of Fresh, Salted and Canned Beef from the United States, for calendar years, in pounds:

KINDS.	1906	1905	1904	1903	1902
Fresh Beef.....	269,714,000	254,360,000	262,329,000	298,402,000	242,015,000
Salted Beef.....	75,668,000	73,984,000	54,618,000	58,164,000	47,199,000
Canned Beef.....	85,668,000	75,208,000	51,158,000	66,738,000	81,363,000
Total Beef.....	381,050,000	403,552,000	368,105,000	418,304,000	370,577,000

PRICES OF DRY SALTED AND SMOKED MEATS.

Quotations for Dry Salted Meats and Bacon, per pound, at Cincinnati, on Tuesday of each week, during two calendar years:

DATES.	D. S. MEATS.				BACON.			
	Shoulders.		Short Rib Sides.		Shoulders.		Short Rib Sides.	
	1906	1905	1906	1905	1906	1905	1906	1905
January 2	6.00	6.00	7.12½	6.62½	6.50	6.50	7.75	7.37½
9	6.50	6.00	7.50	6.50	7.00	6.50	8.25	7.25
16	6.50	6.00	7.50	6.50	7.00	6.50	8.25	7.25
23	6.50	6.00	7.50	6.50	7.00	6.50	8.25	7.25
30	6.50	6.00	7.50	6.50	7.00	6.50	8.25	7.25
February 6	6.75	6.00	7.62½	6.50	7.25	6.50	8.37½	7.25
13	6.75	6.00	7.87½	6.50	7.25	6.50	8.62½	7.25
20	6.75	6.00	8.00	6.50	7.25	6.50	8.75	7.25
27	6.75	6.00	8.12½	6.62½	7.25	6.50	8.75	7.37½
March 6	6.75	6.00	8.12½	6.62½	7.25	6.50	8.87½	7.37½
13	7.00	6.00	8.12½	6.75	7.50	6.50	9.00	7.50
20	7.50	6.00	8.25	6.75	8.00	6.50	9.25	7.50
27	7.50	6.00	8.50	6.75	8.00	6.50	9.25	7.50
April 3	7.50	5.75	8.50	6.75	8.00	6.50	9.25	7.50
10	8.00 @8.25	6.00	9.25 @9.50	6.87½	8.75 @9.00	6.50	9.75 @10.00	7.62½
17	8.00 @8.25	6.00	9.37½	6.87½	8.75 @9.00	6.50	9.75	7.62½
24	8.00	6.00	9.37½	6.87½	8.75 @9.00	6.50	9.75	7.62½
May 1	8.00 @8.25	6.00	9.37½	6.87½	8.75 @9.00	6.50	10.00	7.62½
8	8.00 @8.25	6.00	9.37½	6.87½	8.75 @9.00	6.50	10.00	7.62½
15	8.00 @8.25	6.00	9.37½	6.87½	8.75 @9.00	6.50	10.00	7.62½
22	8.00 @8.25	6.00	9.37½	6.87½	8.75 @9.00	6.50	10.00	7.62½
29	8.00 @8.25	6.00	9.50	6.87½	8.75 @9.00	6.50	10.00	7.62½
June 5	8.00 @8.25	6.00	9.50	6.87½ @7.00	8.75 @9.00	6.50	10.00	7.75
12	8.00 @8.25	6.00	9.50	6.87½ @7.00	8.75 @9.00	6.50	10.00	7.75
19	8.00 @8.25	6.00	9.50	6.87½ @7.00	8.75 @9.00	6.50	10.00	7.75
26	8.00 @8.25	6.00	9.37½	7.87½	8.75 @9.00	6.50	9.87½	8.12½
July 3	8.12½ @8.25	6.00	9.62½	7.37½	8.75 @9.00	6.50	10.25	8.12½
10	8.12½ @8.25	6.00	9.75	7.37½	8.75 @9.00	6.50	10.50	8.12½
17	8.12½ @8.25	6.00	9.75	7.37½	8.75 @9.00	6.50	10.50	8.12½
24	8.12½ @8.25	6.00	9.75	7.37½	8.75 @9.00	6.50	10.50	8.12½
31	8.12½ @8.25	6.00	9.62½	7.75	8.75 @9.00	6.50	10.37½	8.50
August 7	8.12½ @8.25	6.00	9.50	8.00	8.75 @9.00	6.50	10.25	8.75
14	8.12½ @8.25	6.75	9.25	8.37½	8.75 @9.00	7.25	10.00	9.12½
21	8.12½ @8.25	6.75	9.25	8.37½	8.75 @9.00	7.25	10.00	9.12½
28	8.12½ @8.25	6.75	9.12½	8.62½	8.75 @9.00	7.25	10.00	9.37½
September 4	8.12½ @8.25	6.75	9.12½	8.62½	8.75 @9.00	7.25	10.00	9.37½
11	8.12½ @8.25	6.75	8.87½	8.62½	8.75 @9.00	7.25	9.87½	9.37½
18	8.12½ @8.25	6.75	9.00	8.37½	8.75 @9.00	7.25	9.87½ @10.00	9.12½
25	8.12½ @8.25	6.75	9.00	8.37½	8.75 @9.00	7.25	9.87½ @10.00	9.12½
October 2	8.12½ @8.25	6.50	9.00	8.37½	8.75 @9.00	7.00	9.87½ @10.00	8.87½
9	8.12½ @8.25	6.50	9.00	8.00	8.75 @9.00	7.00	10.00 @10.12½	8.75
16	8.12½ @8.25	6.50	9.00 @9.12½	8.00	8.75 @9.00	7.00	10.00 @10.12½	8.75
23	8.12½ @8.25	6.50	9.00 @9.12½	7.75	8.75 @9.00	6.50	10.00 @10.12½	8.50
30	8.12½ @8.25	6.00	9.00 @9.12½	7.37½	8.75 @9.00	6.50	10.00 @10.12½	8.25
November 6	8.12½ @8.25	6.00	9.00 @9.12½	7.37½	8.75 @9.00	6.50	10.00 @10.12½	8.25
13	8.12½ @8.25	6.00	9.00 @9.12½	7.37½	8.75 @9.00	6.50	9.75 @9.87½	8.12½
20	8.12½ @8.25	6.00	8.75 @8.87½	7.12½	8.75 @9.00	6.50	9.75 @9.87½	7.87½
27	8.12½ @8.25	6.00	8.75 @8.87½	7.12½	8.75 @9.00	6.50	9.75	7.87½
December 4	8.12½	6.00	8.75	7.25	8.75	6.50	9.75	7.87½
11	8.12½	6.00	8.75	7.25	8.75	6.50	9.75	7.87½
18	8.12½	6.00	8.75	7.25	8.75	6.50	9.75	7.87½
25	8.12½	6.00	8.75	7.25	8.75	6.50	9.75	7.87½

Exports of Bacon, Hams, Pork and Lard from the United States, for years ending October 31, in pounds:

KINDS.	1905-06	1904-05	1903-04	1902-03	1901-02
Bacon	388,000,000	275,000,000	249,000,000	215,000,000	298,000,000
Hams	196,000,000	212,000,000	187,000,000	211,000,000	222,000,000
Pork	160,000,000	142,000,000	123,000,000	124,000,000	145,000,000
Lard	748,000,000	630,000,000	583,000,000	520,000,000	506,000,000

MONTHLY MOVEMENT OF HOG PRODUCT.

Monthly receipts and shipments of Hog Product, at Cincinnati, for 1906:

MONTHS.	RECEIPTS, 1906.					
	Bacon, lbs.	D. S. Meats, loose, lbs.	D. S. Meats, boxed, lbs.	Hams, lbs.	Lard, lbs.	Pork, bbls.
January	59,824	4,087,384	1,291,000	833,549	4,240,698	128
February	165,657	4,992,065	1,332,500	359,831	2,345,564	125
March	296,822	7,528,718	553,580	804,077	2,619,782	17
April	123,854	6,366,402	170,500	505,080	1,526,866	162
May	282,174	5,872,082	498,580	692,040	2,044,268	187
June	119,576	7,783,309	805,000	740,927	2,718,057	171
July	67,472	7,017,313	944,500	836,108	2,188,613	101
August	171,688	10,294,194	466,800	625,484	2,672,745	29
September	104,997	8,486,500	55,000	900,606	2,514,315	108
October	909,148	10,366,383	59,500	1,140,299	4,572,056	427
November	830,831	13,483,572	72,000	761,785	4,628,995	406
December	213,688	7,671,401	182,500	661,049	2,913,115	344

MONTHS.	SHIPMENTS, 1906.					
	Bacon, lbs.	D. S. Meats, loose, lbs.	D. S. Meats, boxed, lbs.	Hams, lbs.	Lard, lbs.	Pork, bbls.
January	192,591	4,368,375	1,731,000	770,672	5,940,217	105
February	306,930	4,722,405	1,206,000	655,002	3,172,801	16
March	445,585	7,004,589	1,270,600	650,458	3,916,992	87
April	251,290	6,341,196	665,000	589,020	2,513,717	150
May	528,150	5,886,283	775,500	680,096	2,472,742	146
June	417,600	9,085,931	1,232,500	702,300	4,249,176	182
July	566,928	6,673,951	712,000	964,209	3,399,867	117
August	420,702	11,298,977	501,500	846,982	4,848,164	77
September	320,867	7,380,003	389,500	802,210	3,076,252	142
October	787,508	10,131,931	476,000	1,100,116	4,763,506	387
November	853,124	8,446,706	295,000	761,068	3,935,487	308
December	295,523	7,341,530	872,000	587,676	3,277,278	381

WEEKLY RECEIPTS AND SHIPMENTS OF HOGS.

Total weekly receipts and shipments of Hogs, at Cincinnati, in the year 1906:

WEEK ENDING.		Receipts.	Shipments.	WEEK ENDING.		Receipts.	Shipments.
January	6.....	24,979	7,046	July	7.....	17,064	6,550
	13.....	23,876	7,684		14.....	13,707	6,575
	20.....	25,386	9,292		21.....	16,376	6,047
February	27.....	22,068	7,059	August	28.....	15,408	6,904
	8.....	22,921	9,405		4.....	14,808	4,223
	10.....	22,482	9,502		11.....	14,755	5,281
March	17.....	22,213	8,345	September	18.....	15,330	6,109
	24.....	15,961	8,272		25.....	14,938	5,623
	3.....	14,892	6,351		1.....	18,594	5,226
April	10.....	15,090	5,478	October	8.....	12,846	6,050
	17.....	16,922	5,488		15.....	16,319	6,614
	24.....	16,926	5,701		22.....	15,488	4,284
May	31.....	19,432	7,345	November	29.....	14,945	6,781
	7.....	17,490	5,231		6.....	18,443	7,284
	14.....	12,686	4,634		13.....	17,051	7,241
June	21.....	20,313	6,407	December	20.....	18,029	8,216
	28.....	15,444	6,202		27.....	19,970	8,012
	5.....	14,990	5,064		8.....	20,254	9,857
	12.....	18,677	6,340		10.....	22,357	7,663
	19.....	18,577	6,559		17.....	23,944	7,968
	26.....	19,025	6,571		24.....	25,607	9,842
	2.....	20,859	11,032		1.....	22,093	8,925
	9.....	17,129	7,653		8.....	30,744	10,968
	16.....	18,707	7,813		15.....	23,592	9,379
	23.....	17,445	5,675		22.....	26,547	8,480
	30.....	16,976	8,089		29.....	16,526	7,533

AVERAGE ANNUAL PRICES OF HOG PRODUCT.

Average annual prices of leading articles of Hog Product, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	MESS PORK.	D. S. MEATS.			BACON.				LARD.	
		Should- ders.	Short Rib Sides.	Short Clear Sides.	Should- ders.	Short Rib Sides.	Short Clear Sides.	Sugar Cured Hams.	Prime Steam.	Kettle Winter.
1887-88.....	\$14 55	5.91	7.75	8.05	6.66	8.38	8.74	11.23	7.64	8.23
1888-89.....	13 18	5.88	6.52	7.65	6.65	7.47	7.85	11.56	7.41	8.08
1889-90.....	11 29	4.46	5.19	5.35	5.01	5.89	6.10	10.81	5.94	6.57
1890-91.....	10 72	4.76	5.72	5.91	5.60	6.31	6.54	10.18	6.11	6.55
1891-92.....	10 51	5.11	6.47	6.65	5.90	7.22	7.42	10.61	6.47	6.89
1892.....	11 68	5.83	6.92	7.38	6.55	7.68	8.08	11.04	7.21	7.55
1893.....	18 46	8.77	9.36	10.22	9.61	10.34	11.15	13.22	9.91	10.82
1894.....	12 98	6.08	6.79	7.06	6.65	7.48	7.88	10.60	7.25	7.92
1895.....	10 65	4.98	5.62	5.94	5.40	6.19	6.52	9.96	6.24	6.67
1896.....	8 04	4.09	4.19	4.42	4.56	4.61	4.84	10.29	4.29	4.74
1897.....	8 34	4.68	4.76	4.87	5.17	5.24	5.42	9.91	4.02	4.50
1898.....	9 78	4.50	5.37	5.55	4.98	5.97	6.06	8.73	5.06	5.51
1899.....	9 13	4.42	5.01	5.15	5.00	5.49	5.92	9.75	5.04	5.51
1900.....	11 86	6.30	6.89	7.02	6.98	7.39	7.61	11.04	6.51	7.17
1901.....	14 99	6.88	8.07	8.27	7.30	8.71	8.92	11.07	8.38	8.88
1902.....	17 25	7.75	9.80	10.60	8.60	10.60	10.80	12.05	9.90	10.40
1903.....	15 15	7.35	8.90	8.80	7.95	9.40	9.60	13.40	8.10	8.60
1904.....	12 80	6.50	7.10	7.30	7.00	7.85	8.10	12.05	6.65	7.15
1905.....	13 60	6.15	7.25	7.50	6.65	8.05	8.30	11.60	6.95	7.45
1906.....	16 50	7.80	8.85	9.10	8.35	9.60	9.85	13.40	8.30	8.80

Average annual prices for provision trade, years ending October 31:

YEARS.	MESS PORK.	D. S. MEATS.			BACON.				LARD.	
		Should- ders.	Short Rib Sides.	Short Clear Sides.	Should- ders.	Short Rib Sides.	Short Clear Sides.	Sugar Cured Hams.	Prime Steam.	Kettle Winter.
1894-95.....	\$12 25	5.07	5.90	6.17	5.56	6.47	6.77	9.94	6.41	6.89
1895-96.....	8 20	4.22	4.28	4.52	4.68	4.79	5.00	9.73	4.47	4.98
1896-97.....	8 28	4.51	4.66	4.78	4.95	5.08	5.27	10.07	3.99	4.34
1897-98.....	9 63	4.63	5.30	5.40	5.30	5.79	5.96	8.81	4.54	5.83
1898-99.....	9 08	4.26	5.14	5.22	4.87	5.50	5.60	9.68	5.05	5.45
1899-00.....	11 44	6.23	6.59	6.82	6.60	7.08	7.36	11.08	6.28	6.81
1900-01.....	14 29	6.70	7.98	8.06	7.22	8.46	8.91	11.05	8.00	8.58
1901-02.....	16 85	7.75	10.15	10.35	8.25	10.65	11.15	12.40	9.65	10.15
1902-03.....	16 05	7.80	9.05	9.25	8.40	9.45	9.95	13.30	8.65	9.15
1903-04.....	12 65	6.35	7.10	7.30	6.85	7.85	8.10	12.35	6.60	7.10
1904-05.....	13 85	6.30	7.25	7.50	6.80	8.05	8.80	11.40	6.75	7.25
1905-06.....	16 06	7.56	8.75	9.00	8.10	9.50	9.75	12.80	7.90	8.40

Average prices of Live Hogs, at Cincinnati, for winter seasons:

1883-84.....	\$5 60	1874-75.....	\$6 99	1885-86.....	\$3 81	1896-97.....	\$3 35
1884-85.....	11 70	1875-76.....	7 27	1886-87.....	4 28	1897-98.....	3 60
1885-86.....	9 57	1876-77.....	5 90	1887-88.....	5 13	1898-99.....	3 55
1886-87.....	6 02	1877-78.....	4 20	1888-89.....	5 15	1899-00.....	4 40
1887-88.....	6 60	1878-79.....	2 84	1889-90.....	3 75	1900-01.....	5 05
1888-89.....	8 41	1879-80.....	4 36	1890-91.....	3 65	1901-02.....	6 00
1889-90.....	9 46	1880-81.....	4 61	1891-92.....	3 90	1902-03.....	6 50
1890-91.....	5 50	1881-82.....	6 24	1892-93.....	6 60	1903-04.....	4 90
1891-92.....	4 36	1882-83.....	6 44	1893-94.....	5 35	1904-05.....	4 80
1892-93.....	3 92	1883-84.....	5 24	1894-95.....	4 25	1905-06.....	5 40
1893-94.....	4 58	1884-85.....	4 44	1895-96.....	3 80	1906-07.....	6 60

HIGHEST DAILY PRICES OF HOGS.

Highest daily prices of Live Hogs, per 100 pounds, at Cincinnati, in 1906:

DATES.	January	February	March	April	May	June	July	August	September	October	November	December
1.....	\$....	\$ 82½	\$ 50	\$....	\$ 65	\$ 50	\$....	\$ 80	\$ 35	\$ 82½	\$ 40	\$ 35
2.....	5 60	5 90	6 40	6 75	6 55	6 45	6 85	6 70	....	6 75	6 40	....
3.....	5 50	6 00	6 45	6 80	6 55	....	6 85	6 70	....	6 75	6 40	6 35
4.....	5 40	....	....	6 65	6 55	6 40	....	6 70	6 35	6 70	....	6 50
5.....	5 50	6 00	6 60	6 50	6 55	6 42½	6 85	....	6 80	6 75	6 35	6 50
6.....	5 55	6 10	6 65	6 45	....	6 45	6 77½	6 65	6 80	6 80	....	6 50
7.....	....	6 05	6 55	6 47½	6 55	6 50	6 75	6 65	6 45	....	6 45	6 45
8.....	5 55	6 20	6 45	....	6 60	6 52½	....	6 60	6 55	6 85	6 55	6 40
9.....	5 60	6 20	6 45	6 50	6 55	6 55	6 80	6 55	....	6 85	6 55	....
10.....	5 55	6 20	6 50	6 55	6 55	....	6 80	6 45	6 65	6 65	6 50	6 80
11.....	5 55	....	....	6 60	6 55	6 60	6 90	6 85	6 67½	6 65	....	6 85
12.....	5 60	....	6 47½	6 65	6 60	6 70	6 95	....	6 45	6 75	6 50	6 80
13.....	5 62½	6 15	6 45	....	....	6 60	6 95	6 25	6 40	6 77½	....	6 25
14.....	....	6 25	6 55	6 75	6 60	6 60	7 00	6 25	6 55	....	6 40	6 27½
15.....	5 55	6 30	6 50	....	6 65	6 60	....	6 20	6 65	....	6 45	6 35
16.....	5 60	6 25	6 50	6 75	6 60	6 60	6 95	6 20	....	6 80	6 45	....
17.....	5 65	6 25	6 60	6 80	6 65	....	7 00	6 30	6 75	6 65	6 40	6 50
18.....	5 55	....	....	6 75	6 65	6 60	7 00	6 35	6 75	6 45	....	6 60
19.....	5 65	6 35	6 60	6 70	6 62½	6 70	6 95	....	6 65	6 50	6 30	6 55
20.....	5 65	6 40	6 70	6 67½	....	6 70	6 95	6 55	6 62½	6 50	6 35	6 40
21.....	....	6 30	6 80	6 65	6 50	6 67½	6 95	6 60	6 65	....	6 20	6 30
22.....	5 65	....	6 72½	....	6 45	6 60	....	6 60	6 70	6 55	6 35	6 20
23.....	5 72½	6 37½	6 65	6 65	6 40	6 60	7 00	6 60	....	6 50	6 40	....
24.....	5 77½	6 42½	6 70	6 70	6 40	....	7 10	6 55	6 70	6 32½	6 35	6 40
25.....	5 72½	....	....	6 65	6 45	6 62½	7 00	6 55	6 75	6 35	....	....
26.....	5 72½	6 35	6 57½	6 60	6 45	6 70	7 00	....	6 75	6 45	6 25	6 60
27.....	5 85	6 40	6 55	6 62½	....	6 75	7 00	6 55	6 85	6 40	6 25	6 60
28.....	....	6 50	6 55	6 62½	6 45	6 85	7 00	6 50	6 80	....	6 30	6 45
29.....	5 90	....	6 55	....	6 47½	6 90	....	6 40	6 80	6 55	....	6 55
30.....	5 80	....	6 60	6 60	....	6 85	7 00	6 35	....	6 50	6 30	....
31.....	5 85	....	6 70	....	6 55	....	6 90	6 85	....	6 25	....	6 55

PRICES OF CATTLE AND SHEEP BY GRADES.

Prices by grades of Cattle and Sheep, at Cincinnati, at the close of December:

GRADES.	1906	1905	1904	1903	1902	1901
CATTLE.						
Fair to good shippers, per 100 lbs.....	\$4 60@5 50	\$4 25@5 00	\$4 25@5 00	\$4 00@4 65	\$4 25@5 00	\$4 85@5 65
Good to choice butchers, " ".....	4 60@5 25	4 05@4 75	3 85@4 75	4 00@4 40	4 50@5 00	4 65@5 25
Fair to medium butchers, " ".....	2 75@4 50	3 00@4 00	2 75@3 75	2 65@3 75	3 50@4 40	3 75@4 60
Common, " ".....	2 00@2 50	2 00@2 75	2 00@2 50	2 00@2 25	2 00@3 00	2 50@3 25
SHEEP.						
Extra, per 100 lbs.....	4 75	4 85	4 65@4 75	3 50	3 75	3 60
Good to choice, " ".....	4 25@4 65	4 35@4 75	4 10@4 60	3 10@3 40	3 25@3 65	3 00@3 50
Common to fair, " ".....	2 00@4 15	3 00@4 25	2 50@4 00	2 00@3 00	2 00@3 15	1 50@2 75

CALENDAR YEAR HOG PACKING.

Number of Hogs packed in the West during calendar years stated:

1906.....	25,600,000	1901.....	25,410,000	1896.....	16,230,000	1891.....	15,180,000
1905.....	25,485,000	1900.....	23,265,000	1895.....	15,285,000	1890.....	16,980,000
1904.....	23,795,000	1899.....	22,215,000	1894.....	15,265,000	1889.....	12,690,000
1903.....	21,470,000	1898.....	23,510,000	1893.....	11,080,000	1888.....	10,610,000
1902.....	21,230,000	1897.....	19,640,000	1892.....	13,750,000	1887.....	11,425,000

PRICES OF CATTLE AND SHEEP.

Quotations for Cattle, fair to medium quality, and Sheep, good to extra quality, per 100 pounds, alive, at Cincinnati, on Tuesday of each week, in three years:

CATTLE.				SHEEP.			
DATES.	1906	1905	1904	DATES.	1906	1905	1904
January 2...	\$2 85@3 90	\$2 65@3 65	\$3 00@4 00	January 2...	\$4 50@5 10	\$4 10@4 75	\$3 25@3 85
9...	3 00@4 10	2 75@3 75	3 00@3 75	9...	4 50@5 10	4 25@5 00	3 85@3 85
16...	2 90@3 90	2 65@3 75	3 00@3 60	16...	4 60@5 10	4 60@5 25	3 25@3 85
23...	2 75@3 75	2 60@3 65	3 00@3 75	23...	4 50@5 25	4 60@5 00	3 85@4 00
30...	3 25@4 00	2 75@3 85	3 00@3 75	30...	4 60@5 50	4 60@5 25	3 40@4 00
February 6...	3 25@4 25	2 75@3 85	3 00@3 65	February 6...	4 50@5 50	4 60@5 25	3 50@4 25
13...	3 25@4 15	2 85@4 00	3 10@3 75	13...	4 85@5 25	4 75@5 40	3 65@4 35
20...	3 25@4 25	2 85@4 00	3 00@3 75	20...	4 50@5 25	5 00@5 50	4 00@4 60
27...	3 50@4 35	2 85@4 00	3 00@3 50	27...	4 75@5 50	5 00@5 50	3 85@4 50
March 6...	3 50@4 40	2 50@3 75	3 00@3 65	March 6...	5 00@5 75	5 00@5 50	3 65@4 25
13...	3 25@4 25	3 00@4 10	3 10@3 85	13...	5 00@5 75	5 00@5 50	3 85@4 35
20...	3 50@4 50	3 25@4 40	3 85@4 00	20...	5 00@5 75	4 85@5 35	3 85@4 50
27...	3 25@4 25	3 10@4 30	3 25@4 00	27...	5 00@5 75	4 75@5 25	3 85@4 50
April 3...	3 25@4 40	3 35@4 50	3 25@3 85	April 3...	5 10@5 75	4 75@5 25	4 00@4 50
10...	3 00@4 15	3 50@4 65	3 25@4 00	10...	5 35@5 75	4 75@5 25	4 10@4 50
17...	3 10@4 25	3 75@5 00	3 15@3 90	17...	5 15@5 75	4 75@5 25	4 10@4 50
24...	3 00@4 25	3 50@4 75	3 15@4 00	24...	4 00@4 40	4 50@5 10	4 00@4 50
May 1...	3 25@4 35	3 35@4 65	3 25@4 00	May 1...	4 85@4 75	4 50@5 00	3 75@4 25
8...	3 10@4 15	3 25@4 50	3 25@4 00	8...	4 10@4 50	4 50@5 00	4 00@4 85
15...	3 25@4 25	3 25@4 50	3 10@4 00	15...	4 10@4 50	4 50@5 00	4 00@4 85
22...	3 00@4 10	3 15@4 40	3 10@4 00	22...	4 80@4 60	3 85@4 25	4 15@4 50
29...	3 00@4 00	3 25@4 85	3 85@4 25	29...	4 35@4 75	3 85@4 25	4 10@4 55
June 5...	2 75@3 85	3 25@4 25	3 25@4 25	June 5...	4 40@5 00	3 60@4 15	3 85@4 40
12...	2 90@4 00	3 25@4 35	3 25@4 25	12...	4 60@5 00	3 65@4 15	3 65@4 35
19...	2 75@3 90	3 00@4 15	3 00@4 00	19...	4 75@5 25	3 60@4 10	3 60@4 25
26...	3 25@4 00	3 00@4 25	3 00@4 25	26...	4 75@5 25	3 75@4 25	3 00@3 50
July 3...	2 75@4 15	3 25@4 40	3 00@4 25	July 3...	4 25@4 75	4 00@4 35	2 75@3 50
10...	2 85@4 40	3 25@4 35	3 00@4 00	10...	4 15@4 60	4 10@4 60	3 85@4 00
17...	2 90@4 35	3 00@4 00	3 00@4 25	17...	4 10@4 50	4 00@4 50	3 25@3 90
24...	2 65@4 35	3 00@4 00	3 00@4 25	24...	4 10@4 50	3 50@4 25	3 10@3 75
August 7...	2 50@4 00	3 00@4 00	2 75@4 00	August 7...	4 10@4 60	3 90@4 50	3 10@4 00
14...	2 75@4 25	2 85@3 75	3 00@4 00	14...	4 10@4 65	3 75@4 85	2 90@3 75
21...	2 50@4 15	3 00@4 00	2 75@3 75	21...	4 25@4 75	3 75@4 25	2 85@3 60
28...	2 50@4 15	3 00@4 00	2 75@3 75	28...	4 15@4 65	4 00@4 50	2 75@3 50
September 4...	2 50@4 15	2 85@4 00	2 75@3 75	September 4...	4 25@4 75	4 00@4 50	2 85@3 40
11...	2 85@4 40	3 00@4 00	2 75@3 75	11...	4 25@4 75	3 85@4 85	2 75@3 35
18...	2 60@4 25	2 75@3 75	2 65@3 75	18...	4 15@4 75	4 10@4 50	2 75@3 40
25...	2 50@4 35	2 90@3 85	2 50@3 50	25...	4 10@4 75	3 90@4 35	2 85@3 50
October 2...	2 50@4 35	2 50@3 60	2 50@3 75	October 2...	4 15@4 75	4 15@4 75	2 75@3 55
9...	2 50@4 25	2 50@3 65	2 50@3 75	9...	4 10@4 65	4 00@4 50	2 85@3 50
16...	2 50@4 25	2 50@3 60	2 85@3 50	16...	4 10@4 75	4 00@4 60	2 75@3 40
23...	2 40@4 25	2 50@3 50	2 50@3 50	23...	4 00@4 60	4 60@5 25	2 85@3 50
30...	2 40@4 25	2 50@3 40	2 50@3 25	30...	3 85@4 50	4 40@5 00	2 75@3 50
November 6...	2 35@4 25	2 35@3 25	2 50@3 40	November 6...	4 00@4 50	4 10@4 75	3 35@4 00
13...	2 65@4 35	2 30@3 35	2 50@3 50	13...	4 10@4 60	4 25@5 00	3 35@4 00
20...	2 65@4 25	2 65@3 65	2 35@3 25	20...	4 00@4 50	4 10@4 75	3 35@4 00
27...	2 75@4 50	2 60@3 50	2 50@3 50	27...	4 00@4 60	4 10@4 75	3 25@4 00
December 4...	2 85@4 40	2 85@3 85	2 35@3 50	December 4...	4 00@4 60	4 25@5 00	3 50@4 25
11...	2 85@4 50	2 65@3 75	2 25@3 25	11...	4 00@4 65	4 35@5 00	4 00@4 50
18...	2 75@4 25	2 65@3 85	2 35@3 50	18...	4 25@4 75	4 35@5 15	3 85@4 85
25...	2 75@4 25	2 75@3 90	2 40@3 60	25...	4 25@4 75	4 25@4 75	3 85@4 85

EXPORTS OF LIVE STOCK.

Exports of Live Stock from the United States, for years ending June 30:

KINDS.	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896
Cattle	584,239	567,806	593,409	402,178	392,884	459,218	396,977	389,490	439,255	392,200	372,461
Sheep.....	142,690	268,365	301,313	176,961	358,720	297,925	125,552	143,286	199,690	244,120	491,566
Hogs.....	59,170	44,496	6,345	4,081	8,868	22,318	50,975	38,081	14,411	28,751	21,049

MOVEMENT OF LIVE STOCK.

Total yearly movement of Hogs, Cattle and Sheep, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently:

YEARS.	HOGS.		CATTLE.		SHEEP.	
	Received.	Shipped.	Received.	Shipped.	Received.	Shipped.
1879-80.....	976,741	245,778	229,451	106,485	525,554	400,697
1880-81.....	1,017,661	272,884	229,778	108,887	444,722	310,684
1881-82.....	781,406	184,519	241,671	96,014	804,418	629,269
1882-83.....	836,228	242,045	218,426	84,205	701,717	522,506
1883-84.....	879,989	323,638	197,176	71,724	592,974	445,418
1884-85.....	823,691	257,689	170,147	56,585	540,282	373,128
1885-86.....	779,956	215,025	199,344	71,606	585,292	382,988
1886-87.....	835,247	279,400	186,110	60,611	566,921	426,062
1887-88.....	792,954	261,080	206,573	70,580	608,976	412,086
1888-89.....	835,859	372,744	196,558	68,885	564,898	408,061
1889-90.....	1,048,189	481,601	222,345	92,804	523,016	412,086
1890-91.....	945,683	371,822	245,727	118,627	637,950	519,684
1891-92.....	1,121,186	617,980	254,589	119,887	709,305	561,560
1892.....	1,099,185	562,168	253,027	128,972	705,023	556,267
1893.....	1,082,875	611,808	227,008	97,567	686,137	545,793
1894.....	916,117	368,608	212,618	81,442	671,165	487,884
1895.....	962,246	383,500	208,890	72,001	632,432	418,507
1896.....	1,111,633	486,745	207,986	77,087	494,054	341,281
1897.....	1,018,134	298,043	209,091	71,424	450,217	341,723
1898.....	1,088,195	382,909	198,081	62,510	412,063	320,189
1899.....	992,608	341,255	219,385	74,828	363,487	275,045
1900.....	952,605	280,213	206,866	64,469	371,108	275,104
1901.....	893,464	303,926	228,755	78,581	409,238	277,243
1902.....	781,780	264,144	243,705	92,182	507,094	381,791
1903.....	887,816	315,571	259,388	114,968	511,990	379,480
1904.....	966,858	333,207	260,778	96,594	504,318	378,486
1905.....	1,063,144	403,742	307,776	127,468	509,925	362,737
1906.....	976,722	370,338	312,531	121,868	465,460	365,949

NOTE.—Figures for 1894 to 1906, inclusive, are exclusive of through movement.

MONTHLY MOVEMENT OF HOGS.

Monthly receipts and shipments of Hogs, at Cincinnati, for the four calendar years indicated:

MONTHS.	RECEIPTS.				SHIPMENTS			
	1906	1905	1904	1903	1906	1905	1904	1903
January.....	105,544	100,558	94,586	84,663	34,985	34,270	29,224	27,677
February.....	79,792	78,837	84,506	54,468	34,090	28,432	26,313	19,851
March.....	76,661	77,246	68,136	49,768	27,336	27,479	24,766	16,234
April.....	67,104	70,939	73,778	58,437	23,381	26,139	27,811	19,285
May.....	77,834	82,097	69,110	71,482	27,549	27,117	25,460	22,395
June.....	81,593	85,387	71,046	77,831	34,702	26,382	19,810	27,496
July.....	67,823	76,828	57,881	68,913	27,604	33,637	15,615	23,833
August.....	70,357	69,031	65,518	67,504	24,227	31,674	20,705	25,558
September.....	63,674	84,510	68,474	67,852	24,667	35,087	25,540	27,060
October.....	82,959	111,482	98,088	90,042	34,936	50,523	39,414	37,798
November.....	96,715	114,644	122,088	87,062	35,896	42,932	44,898	32,716
December.....	106,667	111,985	113,797	109,844	40,960	40,120	34,151	35,728
Totals.....	976,722	1,063,144	966,858	887,616	370,338	408,742	333,207	315,571

MOVEMENT OF LIVE STOCK.

Monthly and yearly receipts and shipments of Hogs, Cattle and Sheep, and average live weight, at the Cincinnati Union Stockyards:

MONTHS.	Hogs.				CATTLE.				SHEEP.			
	Receipts.		Shipments.		Receipts.		Shipments.		Receipts.		Shipments.	
	1906	1905	1906	1905	1906	1905	1906	1905	1906	1905	1906	1905
January.....	93,125	91,003	36,511	34,466	17,541	15,888	4,141	3,118	5,881	6,981	1,159	1,943
February.....	71,591	71,119	32,718	28,743	16,944	13,997	3,799	2,559	4,090	4,590	557	622
March.....	64,546	70,781	27,412	27,450	16,213	15,583	3,384	3,071	5,431	4,676	297	325
April.....	82,751	66,026	23,169	26,139	14,867	17,610	3,504	3,843	2,201	3,804	.....	282
May.....	78,120	75,486	29,095	27,107	21,412	18,268	5,697	3,073	13,898	9,706	5,658	2,675
June.....	68,425	75,129	33,286	27,106	19,241	17,552	5,014	5,202	78,721	71,623	62,079	59,638
July.....	59,797	71,587	26,066	33,547	18,176	16,043	4,352	5,147	91,741	99,451	81,503	88,071
August.....	61,736	62,023	22,993	32,714	20,362	19,510	7,291	5,195	69,377	69,375	61,461	58,641
September.....	52,980	69,870	26,221	34,519	28,793	26,136	10,037	9,332	19,589	19,272	10,645	9,508
October.....	75,054	96,559	35,206	50,008	28,226	27,832	10,986	10,892	12,714	15,958	4,936	6,009
November.....	85,099	100,406	35,648	42,613	22,807	24,126	7,730	9,857	7,815	9,590	2,018	4,289
December.....	91,040	96,304	40,395	39,721	19,717	19,309	5,602	6,240	5,928	7,678	1,311	3,184
Totals.....	860,334	948,093	372,200	404,433	242,299	231,854	71,597	65,829	313,885	322,654	231,614	235,082

YEARS.	Hogs.			CATTLE.			SHEEP.		
	Receipts.	Shipm'ts.	Weight.	Receipts.	Shipm'ts.	Weight.	Receipts.	Shipm'ts.	Weight.
1889-90.....	727,017	306,487	212.71	165,256	45,696	998.31	305,642	218,233	75.44
1890-91.....	724,281	285,337	201.37	173,981	56,337	949.76	322,009	212,068	75.29
1891-92.....	636,591	260,843	197.22	175,361	61,676	941.67	311,973	184,531	73.13
1892.....	871,774	422,037	185.91	214,306	75,313	943.01	667,155	479,565	76.49
1893.....	712,516	363,299	189.67	191,620	58,769	926.81	584,322	459,763	76.58
1894.....	723,849	301,203	193.51	154,456	47,340	938.93	621,457	468,953	79.87
1895.....	820,637	335,909	203.33	179,684	44,473	920.75	597,507	410,616	77.33
1896.....	877,176	391,377	191.56	172,310	58,878	920.15	461,254	322,718	80.84
1897.....	881,392	396,708	183.43	178,919	43,614	860.11	430,858	324,784	79.04
1898.....	887,524	387,235	185.24	163,806	33,618	868.39	389,647	300,072	81.70
1899.....	809,327	337,524	184.31	169,751	38,773	846.59	280,097	199,110	76.78
1900.....	776,742	291,808	179.06	171,450	39,001	869.76	330,743	248,162	79.42
1901.....	742,701	306,427	179.61	181,921	42,755	832.14	353,922	251,525	73.13
1902.....	664,734	268,360	186.43	194,959	48,308	869.78	410,148	305,379	81.90
1903.....	737,270	314,649	185.99	198,349	50,174	868.18	394,063	299,572	81.61
1904.....	870,128	332,022	181.52	198,067	44,848	863.88	370,475	275,416	77.38
1905.....	948,093	404,433	184.97	231,354	65,329	869.68	322,654	235,082	76.08
1906.....	860,334	372,200	188.72	242,299	71,597	859.29	313,885	231,614	74.27

Average weight of Hogs, Cattle and Sheep, weighed at the Union Stockyards:

MONTHS.	Hogs.		CATTLE.		SHEEP.	
	1906	1905	1906	1905	1906	1905
January.....	188.58	191.14	853.11	889.10	74.20	88.31
February.....	186.20	184.05	868.78	902.11	72.24	79.37
March.....	178.30	184.45	846.11	870.07	74.25	76.47
April.....	172.22	171.18	864.99	926.13	68.15	69.10
May.....	181.52	180.15	860.50	878.41	75.43	72.70
June.....	182.35	185.48	862.47	871.27	73.12	71.24
July.....	188.26	184.31	849.13	864.25	71.50	70.49
August.....	195.55	188.99	858.67	844.12	72.25	69.57
September.....	189.44	184.74	841.42	849.18	72.18	72.11
October.....	179.34	186.52	855.95	869.14	76.20	77.49
November.....	179.19	183.12	864.19	885.10	79.27	82.53
December.....	183.76	187.49	866.15	897.23	79.42	83.63
Average for year.....	183.72	184.97	860.29	869.68	74.27	76.08

CINCINNATI PORK PACKING.

Details of Pork Packing, at Cincinnati, for the year ending March 1, 1907, with comparisons for the preceding year, in accordance with returns to the Superintendent of the Cincinnati Chamber of Commerce:

WINTER PACKING. NOVEMBER 1 TO MARCH 1—FOUR MONTHS.			SUMMER PACKING. MARCH 1 TO NOVEMBER 1—EIGHT MONTHS.		
ARTICLES.	1906-07	1905-06	ARTICLES.	1906	1905
Number of Hogs packed.....	226,988	255,167	Number of Hogs packed....	359,624	391,158
Decrease.....	28,179		Decrease.....	31,584	
Average live weight, lbs.....	210.72	224.37	Average live weight, lbs....	208.32	209.00
Decrease.....	18.65		Decrease.....	0.68	
Average yield of Lard, lbs....	40.79	36.88	Average yield of Lard, lbs....	35.50	34.72
Increase.....	8.91		Increase.....	0.78	
Percentage yield of Lard.....	19.36	16.44	Percentage yield of Lard....	17.04	16.61
Increase.....	2.92		Increase.....	0.43	
Cost of Hogs, 100 lbs.....	\$6.58	\$5.38	Cost of Hogs, 100 lbs.....	\$6.49	\$5.68
Increase.....	1.20		Increase.....	0.81	
Aggregate live weight, lbs....	47,834,000	57,215,000	Aggregate live weight, lbs....	74,911,000	81,751,000
Decrease.....	9,381,000		Decrease.....	6,840,000	
Green Sides, etc., made, lbs....	15,307,000	18,881,000	Green Sides, etc., made, lbs....	23,972,000	26,160,000
Green Hams made, lbs.....	4,783,000	6,294,000	Green Hams made, lbs.....	8,240,000	8,993,000
Green Shoulders made, lbs....	3,827,000	5,149,000	Green Shoulders made, lbs....	6,742,000	7,357,000
Total Green Meats, lbs.....	23,917,000	30,324,000	Total Green Meats, lbs.....	38,954,000	42,510,000
Total Lard made, lbs.....	9,260,000	9,406,000	Total Lard made, lbs.....	12,766,000	13,578,000
Tierces of Lard, 330 lbs.....	28,060	28,500	Tierces of Lard, 330 lbs.....	38,685	41,145
Total Product, lbs.....	33,177,000	39,729,000	Total Product, lbs.....	51,720,000	56,088,000
Meas Pork made, bbls.....			Meas Pork made, bbls.....		
Other Pork made, bbls.....	894	376	Other Pork made, bbls.....	827	440
Aggregate cost of Hogs.....	\$3,148,000	\$3,080,000	Aggregate cost of Hogs....	\$4,861,000	\$4,643,000

Total number of Hogs packed, at Cincinnati, each year, ending March 1, for years indicated:

1875-76.....	682,142	1883-84.....	489,634	1891-92.....	484,173	1899-00.....	656,244
1876-77.....	644,749	1884-85.....	513,016	1892-93.....	456,396	1900-01.....	617,032
1877-78.....	766,718	1885-86.....	467,464	1893-94.....	382,818	1901-02.....	569,782
1878-79.....	778,101	1886-87.....	479,525	1894-95.....	536,790	1902-03.....	498,576
1879-80.....	684,493	1887-88.....	475,413	1895-96.....	559,780	1903-04.....	585,875
1880-81.....	632,981	1888-89.....	440,629	1896-97.....	625,570	1904-05.....	643,524
1881-82.....	508,548	1889-90.....	464,556	1897-98.....	635,142	1905-06.....	646,325
1882-83.....	507,316	1890-91.....	523,810	1898-99.....	696,059	1906-07.....	586,612

Average Live Weight and yield of Lard of Hogs packed, at Cincinnati, during winter seasons:

YEARS.	Weight.	Lard.	YEARS.	Weight.	Lard.	YEARS.	Weight.	Lard.
1877-78.....	284.06	40.96	1887-88.....	249.58	32.51	1897-98.....	217.33	39.77
1878-79.....	270.58	36.84	1888-89.....	270.10	37.85	1898-99.....	217.80	35.32
1879-80.....	266.31	36.18	1889-90.....	255.28	37.90	1899-00.....	210.32	37.48
1880-81.....	268.37	39.46	1890-91.....	237.20	32.03	1900-01.....	212.01	35.51
1881-82.....	263.93	36.79	1891-92.....	242.89	36.00	1901-02.....	199.95	34.60
1882-83.....	275.61	37.07	1892-93.....	228.60	33.70	1902-03.....	215.55	34.48
1883-84.....	262.08	34.13	1893-94.....	239.25	34.56	1903-04.....	212.45	33.88
1884-85.....	265.91	34.69	1894-95.....	235.57	43.76	1904-05.....	220.04	34.46
1885-86.....	272.22	36.08	1895-96.....	233.46	36.54	1905-06.....	224.37	36.88
1886-87.....	265.45	35.06	1896-97.....	230.76	43.90	1906-07.....	210.72	40.79

CINCINNATI PACKING COMPARISONS.

Total number of Hogs packed, at Cincinnati, each winter season, in seventy-two years, as indicated:

YEARS.	Winter.	YEARS.	Winter.	YEARS.	Winter.	YEARS.	Winter.
1885-86.....	128,000	1853-54.....	431,000	1871-72.....	630,301	1889-90.....	271,513
1886-87.....	108,000	1854-55.....	355,786	1872-73.....	626,305	1890-91.....	301,064
1887-88.....	182,000	1855-56.....	405,396	1873-74.....	581,253	1891-92.....	288,548
1888-89.....	190,000	1856-57.....	344,512	1874-75.....	560,164	1892-93.....	204,410
1889-90.....	96,000	1857-58.....	446,677	1875-76.....	563,359	1893-94.....	189,908
1890-91.....	160,000	1858-59.....	382,826	1876-77.....	523,576	1894-95.....	265,735
1891-92.....	220,000	1859-60.....	434,499	1877-78.....	632,302	1895-96.....	249,640
1892-93.....	250,000	1860-61.....	433,799	1878-79.....	623,584	1896-97.....	240,160
1893-94.....	240,000	1861-62.....	474,467	1879-80.....	534,559	1897-98.....	276,420
1894-95.....	196,000	1862-63.....	608,457	1880-81.....	522,425	1898-99.....	297,282
1895-96.....	305,000	1863-64.....	370,623	1881-82.....	384,878	1899-00.....	270,460
1896-97.....	250,000	1864-65.....	350,600	1882-83.....	425,400	1900-01.....	244,982
1897-98.....	475,000	1865-66.....	354,079	1883-84.....	365,451	1901-02.....	232,882
1898-99.....	410,000	1866-67.....	462,610	1884-85.....	385,435	1902-03.....	220,617
1899-00.....	393,000	1867-68.....	366,831	1885-86.....	332,696	1903-04.....	247,947
1900-01.....	334,000	1868-69.....	356,555	1886-87.....	331,401	1904-05.....	268,269
1901-02.....	352,000	1869-70.....	337,330	1887-88.....	309,588	1905-06.....	255,167
1902-03.....	361,000	1870-71.....	481,560	1888-89.....	300,082	1906-07.....	226,988

Total number of Hogs packed, at Cincinnati, each summer season, March 1 to November 1, for years indicated:

1875.....	118,783	1883.....	124,183	1891.....	195,625	1899.....	385,784
1876.....	121,173	1884.....	127,581	1892.....	251,986	1900.....	372,100
1877.....	134,416	1885.....	134,768	1893.....	192,910	1901.....	336,900
1878.....	154,517	1886.....	148,124	1894.....	271,065	1902.....	277,759
1879.....	149,984	1887.....	165,830	1895.....	310,140	1903.....	337,926
1880.....	110,556	1888.....	140,547	1896.....	385,410	1904.....	375,255
1881.....	123,670	1889.....	193,043	1897.....	358,722	1905.....	391,158
1882.....	81,916	1890.....	222,756	1898.....	398,827	1906.....	359,624

YEARLY COMPARISONS OF PORK PACKING.

Number of Hogs packed in the West for summer and winter seasons, and twelve months ending March 1, with production of Green Meats and Lard, and cost of Hogs, according to special reports of the *Cincinnati Price Current*:

YEARS.	Summer Season.	Winter Season.	Year ending March 1.	Green Meats Produced.	Total Lard Produced.	Total Cost of Hogs.
1888-89.....	5,315,122	5,483,852	10,798,974	1,499,251,000	359,927,000	\$140,903,000
1889-90.....	6,881,501	6,663,802	13,545,303	1,885,424,000	489,727,000	184,169,000
1890-91.....	9,540,008	8,173,126	17,713,134	2,371,376,000	618,732,000	158,445,000
1891-92.....	6,696,398	7,761,216	14,457,614	1,907,903,000	479,045,000	141,698,000
1892-93.....	7,757,110	4,633,520	12,390,630	1,537,111,000	388,985,000	155,766,000
1893-94.....	6,720,924	4,884,082	11,605,006	1,583,703,000	409,052,000	166,090,000
1894-95.....	8,812,125	7,191,520	16,003,645	2,072,195,000	533,055,000	172,679,000
1895-96.....	8,194,835	6,815,800	15,010,635	1,958,255,000	513,467,000	142,268,000
1896-97.....	9,979,888	6,949,090	16,928,978	2,250,158,000	662,040,000	135,456,000
1897-98.....	11,760,475	8,440,785	20,201,260	2,659,190,000	721,354,000	174,382,000
1898-99.....	13,931,550	9,730,145	23,661,695	3,071,396,000	808,478,000	203,696,000
1899-00.....	13,524,948	8,675,878	22,200,821	2,898,142,000	794,453,000	212,854,000
1900-01.....	14,322,924	9,277,750	23,600,674	3,031,322,000	805,703,000	274,682,000
1901-02.....	15,071,480	10,340,196	25,411,676	3,047,462,000	803,129,000	323,346,000
1902-03.....	12,146,965	8,458,606	20,605,571	2,578,880,000	650,707,000	313,537,000
1903-04.....	12,576,658	9,499,028	22,375,686	2,855,000,000	724,717,000	282,365,000
1904-05.....	13,461,920	10,456,543	23,918,463	2,973,000,000	768,271,000	262,693,000
1905-06.....	15,078,694	10,496,066	25,574,760	3,178,611,000	846,421,000	302,487,000
1906-07.....	15,736,125	9,694,430	25,430,555	3,175,955,000	824,442,000	361,840,000

MOVEMENT OF SUNDRY STAPLE PRODUCTS.

Receipts and shipments of Staple Products enumerated, at Cincinnati, for commercial years ending August 31, to 1891-92, and calendar years subsequently:

YEARS.	HAY.		BRAN, ETC.		HOPS.		FEATHERS.		PEANUTS.	
	Receipts, tons.	Shipm'ts, tons.	Receipts, tons.	Shipm'ts, tons.	Receipts, bales.	Shipm'ts, bales.	Receipts, sacks.	Shipm'ts, sacks.	Receipts, bush.	Shipm'ts, bush.
1890-91.....	110,979	55,323	31,745	26,962	14,027	5,597	13,818	14,098	690,965	366,491
1891-92.....	126,421	67,021	32,508	28,434	17,661	7,358	16,788	16,556	480,225	345,830
1892.....	124,526	66,686	27,785	23,381	14,648	6,489	16,979	16,791	416,124	352,620
1893.....	100,402	44,558	17,935	11,176	18,348	8,068	11,915	13,718	342,114	328,136
1894.....	98,080	35,594	22,964	15,976	28,748	8,471	14,670	13,896	309,301	254,421
1895.....	99,234	41,679	16,340	9,540	13,591	8,199	20,018	21,319	486,798	286,528
1896.....	76,784	19,728	25,819	19,189	18,668	12,148	18,863	18,558	444,309	200,507
1897.....	110,545	58,848	18,260	15,894	7,933	4,575	22,181	21,923	488,069	254,399
1898.....	135,013	93,193	15,510	9,066	20,145	10,399	22,571	18,769	310,718	268,086
1899.....	113,472	66,169	30,477	23,114	12,752	9,506	28,661	21,867	282,704	269,079
1900.....	89,911	38,579	46,751	38,462	19,129	14,509	29,880	21,808	194,626	115,376
1901.....	128,143	63,457	60,250	50,726	6,359	4,497	23,588	18,121	188,856	135,846
1902.....	166,909	91,378	78,784	67,014	8,582	3,658	28,426	15,648	247,096	170,786
1903.....	108,091	60,472	38,062	35,508	8,130	3,458	20,590	17,863	210,334	187,569
1904.....	110,371	55,961	43,041	39,288	7,575	1,976	18,718	19,284	817,484	247,869
1905.....	131,220	78,341	50,616	42,271	8,283	1,825	26,442	22,452	384,975	386,626
1906.....	220,874	176,112	44,692	42,000	9,594	8,825	24,124	23,472	419,454	404,275

YEARS.	BEER.		MALT.		SALT.		STARCH.		RICE.	
	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bush.	Shipm'ts, bush.	Receipts, bbls.	Shipm'ts, bbls.	Receipts, boxes.	Shipm'ts, boxes.	Receipts, bbls.	Shipm'ts, bbls.
1890-91.....	69,500	613,159	762,939	669,909	293,986	206,099	173,761	704,903	47,777	29,692
1891-92.....	58,874	594,687	735,663	585,512	328,018	193,164	242,422	773,959	58,525	36,245
1892.....	55,220	582,828	790,221	584,149	331,313	200,237	238,812	755,193	58,287	37,118
1893.....	63,224	520,574	708,397	489,352	293,538	192,540	78,392	470,264	57,805	33,637
1894.....	47,900	456,756	547,888	469,869	271,251	159,676	147,562	594,733	35,104	21,529
1895.....	27,787	490,291	712,946	463,916	352,340	211,228	123,043	608,544	46,280	21,281
1896.....	20,507	493,966	674,682	509,355	360,169	214,923	216,325	707,902	32,320	18,003
1897.....	16,356	481,008	813,481	568,959	298,679	189,873	425,289	704,782	28,099	10,739
1898.....	15,501	461,226	739,103	717,234	323,583	222,970	645,263	1,126,125	39,514	22,566
1899.....	35,246	456,942	806,075	696,924	343,425	228,877	735,536	1,234,616	47,722	34,661
1900.....	34,353	445,888	955,445	783,702	191,495	102,618	672,626	1,135,034	65,739	43,591
1901.....	29,900	397,352	1,003,481	661,495	320,594	214,068	517,338	1,027,981	78,439	57,983
1902.....	48,958	446,949	1,012,907	555,989	443,440	310,604	886,176	835,052	105,447	77,231
1903.....	33,163	477,703	1,186,112	689,912	360,760	300,165	379,583	598,722	47,426	31,665
1904.....	29,546	568,993	1,137,655	748,527	476,599	362,741	473,971	860,082	62,094	36,198
1905.....	64,154	667,890	1,402,614	670,200	472,233	353,893	572,522	453,724	50,220	29,232
1906.....	49,010	590,731	2,000,304	761,826	473,728	375,388	513,451	421,709	44,495	23,319

YEARS.	SUGAR.		MOLASSES.		COFFEE.		CANDLES.		SOAP.	
	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bags.	Shipm'ts, bags.	Receipts, boxes.	Shipm'ts, boxes.	Receipts, boxes.	Shipm'ts, boxes.
1890-91.....	351,050	210,626	68,774	56,077	229,441	156,194	5,855	150,815	170,340	1,011,881
1891-92.....	281,682	144,417	39,081	38,236	277,597	168,254	7,568	189,717	143,624	1,066,926
1892.....	282,106	150,023	39,906	42,376	285,600	183,384	12,929	175,826	140,887	1,065,306
1893.....	248,821	115,107	46,016	49,778	249,859	175,260	7,559	168,105	136,977	1,063,153
1894.....	284,410	136,248	53,571	44,121	215,803	160,067	9,051	142,273	136,954	1,266,133
1895.....	287,500	143,343	47,337	35,671	242,850	176,530	10,408	130,548	137,180	1,287,821
1896.....	250,140	124,554	40,028	26,052	278,874	217,839	7,660	128,002	110,780	1,428,757
1897.....	276,948	118,600	40,837	32,700	346,932	266,923	8,702	125,470	153,817	1,546,876
1898.....	266,951	126,185	57,333	42,135	358,269	281,285	14,801	137,193	132,087	1,572,797
1899.....	353,690	188,662	47,604	39,084	325,820	248,454	13,919	164,640	163,020	1,998,914
1900.....	263,139	109,012	41,716	35,031	205,710	156,858	27,202	121,609	141,826	2,247,397
1901.....	288,276	134,829	55,476	36,872	282,682	246,194	13,753	195,618	144,791	2,497,221
1902.....	333,279	142,098	82,477	45,503	316,727	251,060	12,438	199,640	185,870	2,567,447
1903.....	263,790	101,997	37,606	35,360	264,696	180,148	10,470	101,393	177,718	2,757,535
1904.....	244,520	112,205	45,987	35,126	296,002	234,144	11,948	111,398	182,890	3,038,726
1905.....	290,253	127,354	34,351	29,115	297,795	261,061	10,918	84,035	233,078	3,067,590
1906.....	277,485	118,157	26,871	23,119	269,614	239,745	8,597	95,344	218,004	3,140,129

MOVEMENT OF FLOUR, SEED, POTATOES AND COTTON.

Receipts and shipments of Flour, Grass Seed, Flaxseed, Potatoes and Cotton, at Cincinnati, for commercial and calendar years indicated:

YEARS.	FLOUR.		GRASS SEED.		FLAXSEED.		POTATOES.		COTTON.	
	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bags.	Shipm'ts, bags.	Receipts, bush.	Shipm'ts, bush.	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bales.	Shipm'ts, bales.
1885-86.....	832,686	568,989	86,242	82,934	47,095	510	404,909	221,611	387,175	381,016
1886-87.....	1,043,057	807,110	116,172	104,582	54,425	31,567	301,913	178,967	341,100	332,142
1887-88.....	1,026,619	758,258	96,066	91,026	2,966	1,382	614,179	287,729	362,524	353,988
1888-89.....	1,055,122	709,563	109,043	82,279	25,538	18,216	621,821	323,517	365,896	351,272
1889-90.....	1,587,768	1,220,456	118,617	92,872	32,380	23,528	359,554	213,249	316,674	307,443
1890-91.....	1,712,475	1,430,076	77,401	78,874	1,487	237	605,017	225,842	349,839	337,198
1891-92.....	2,040,466	1,710,614	104,549	96,792	108,292	107,942	559,494	331,433	302,096	282,850
1892.....	1,903,846	1,629,181	109,663	96,607	61,158	60,618	558,387	330,157	267,101	260,428
1893.....	1,879,596	1,435,363	118,218	112,405	40,197	38,536	620,018	294,674	221,628	207,406
1894.....	1,475,345	1,089,665	149,136	123,939	993	824	573,067	250,881	347,517	334,137
1895.....	1,892,545	1,504,858	126,563	111,360	2,910	1,546	843,712	373,243	272,368	258,952
1896.....	1,984,843	1,583,203	147,109	124,229	1,682	555	601,985	307,018	296,410	286,820
1897.....	1,984,822	1,592,235	151,067	118,248	1,856	441	734,473	319,525	249,682	240,904
1898.....	2,318,410	1,917,909	167,824	107,770	1,589	57	750,887	259,391	313,709	288,741
1899.....	2,154,374	1,778,379	156,484	123,525	425	.....	774,698	367,571	353,368	340,181
1900.....	2,561,977	2,161,744	197,311	148,893	1,102	614	1,067,426	402,482	201,193	196,847
1901.....	3,031,743	2,560,351	187,927	167,377	2,646	2,152	654,798	325,099	233,966	212,172
1902.....	2,408,058	1,896,091	229,683	201,294	2,516	2,171	594,816	308,785	179,319	175,377
1903.....	1,553,704	1,102,859	119,745	96,148	8,714	1,839	602,681	248,816	103,517	91,134
1904.....	1,524,725	1,038,986	180,904	145,829	3,671	1,517	603,008	215,389	148,320	146,755
1905.....	1,407,167	903,615	188,154	156,157	4,378	1,298	516,112	209,790	176,006	149,299
1906.....	1,546,625	998,844	187,353	158,583	950	855	526,921	176,588	146,454	123,469

MOVEMENT OF GREEN AND DRIED FRUIT.

Receipts and shipments of Green Apples, Oranges, Lemons and Dried Fruit, at Cincinnati, for commercial and calendar years indicated:

YEARS.	GREEN APPLES.		ORANGES.		LEMONS.		DRIED FRUIT.	
	Receipts, bbls.	Shipm'ts, bbls.	Receipts, boxes.	Shipm'ts, boxes.	Receipts, boxes.	Shipm'ts, boxes.	Receipts, pounds.	Shipm'ts, pounds.
1881-82.....	229,539	119,682	56,344	17,571	25,991	4,973	4,613,840	3,186,036
1882-83.....	305,041	181,091	91,981	35,621	40,979	11,021	3,677,756	4,573,336
1883-84.....	234,033	115,229	141,129	81,965	61,806	18,516	6,701,324	5,335,904
1884-85.....	278,827	114,003	180,046	109,964	45,487	14,765	8,471,120	6,106,240
1885-86.....	281,141	152,414	119,061	62,214	35,148	10,373	5,868,044	3,366,944
1886-87.....	242,058	120,262	198,318	127,415	61,197	18,993	2,764,139	3,828,625
1887-88.....	362,847	198,438	131,216	67,761	53,003	13,946	4,791,080	3,372,407
1888-89.....	275,157	213,170	241,697	153,192	54,549	19,591	3,828,111	2,059,135
1889-90.....	210,659	190,775	244,770	151,779	71,074	25,596	4,298,330	4,040,774
1890-91.....	153,211	92,897	315,033	212,235	52,562	23,612	2,437,197	1,832,312
1891-92.....	234,469	166,741	508,092	391,617	71,939	37,417	5,805,284	4,683,604
1892.....	306,496	153,847	518,524	398,154	72,728	37,133	3,357,478	2,561,180
1893.....	223,263	130,546	392,852	71,438	34,589	18,516	3,340,482	2,522,453
1894.....	239,299	92,398	664,893	505,080	71,955	30,323	6,897,088	4,303,096
1895.....	244,585	155,231	157,632	92,451	56,339	26,002	9,266,333	6,747,802
1896.....	434,013	219,029	99,889	43,236	68,895	27,770	5,708,311	4,367,904
1897.....	385,409	202,185	108,650	50,122	68,230	30,546	5,686,044	3,618,571
1898.....	233,619	103,284	138,304	56,203	42,072	19,691	4,341,041	3,455,200
1899.....	210,877	106,186	121,519	52,765	65,550	29,793	5,634,497	4,545,681
1900.....	351,862	154,715	199,016	91,177	56,779	26,901	4,217,092	2,717,099
1901.....	222,087	128,160	343,818	168,736	86,181	45,850	3,284,336	2,142,585
1902.....	356,653	131,765	231,681	132,001	63,239	59,518	4,512,444	2,165,504
1903.....	390,203	204,730	266,368	192,456	67,633	31,435	3,095,332	1,147,407
1904.....	416,991	203,045	389,039	199,119	78,066	35,112	3,566,722	1,726,399
1905.....	299,891	145,948	398,531	212,387	70,156	31,108	2,844,330	1,266,342
1906.....	309,190	120,847	487,402	301,466	65,546	30,978	2,317,379	1,185,479

MOVEMENT OF BUTTER, CHEESE, EGGS AND WOOL.

Receipts and shipments of Butter, Cheese, Eggs and Wool, at Cincinnati, for commercial years ending August 31, to 1891-92, calendar years subsequently:

YEARS.	BUTTER.				CHEESE.		EGGS.		WOOL.	
	Receipts, barrels.	Receipts, tubs, etc.	Shipm'ts, barrels.	Shipm'ts, tubs, etc.	Receipts, boxes.	Shipm'ts, boxes.	Receipts, cases.	Shipm'ts, cases.	Receipts, bales.	Shipm'ts, bales.
1883-84.....	944	96,004	70	14,851	98,574	45,107	177,172	58,075	18,284	17,923
1884-85.....	856	87,812	100	16,944	97,852	48,520	147,458	44,506	23,042	27,006
1885-86.....	785	98,071	247	20,884	82,752	38,872	213,619	69,899	32,357	32,075
1886-87.....	746	80,693	156	6,623	91,197	40,090	245,235	99,323	26,212	24,404
1887-88.....	517	73,281	270	8,829	104,950	40,948	179,437	53,064	16,611	17,664
1888-89.....	643	78,976	729	8,698	95,324	45,609	258,573	131,783	31,560	30,666
1889-90.....	877	80,361	144	8,789	125,923	60,696	290,396	159,876	42,026	37,047
1890-91.....	.....	72,847	.....	17,333	120,474	64,255	262,212	157,626	39,087	37,973
1891-92.....	.....	68,672	.....	10,174	118,964	73,370	262,694	145,009	68,589	68,279
1892.....	.....	75,523	.....	9,922	128,627	81,823	272,661	154,110	79,167	79,011
1893.....	.....	81,143	.....	9,856	125,476	75,627	318,881	165,328	55,483	53,361
1894.....	.....	90,711	.....	15,065	118,289	67,681	321,011	161,237	52,315	51,623
1895.....	.....	122,383	.....	21,066	153,214	95,608	267,494	92,834	26,362	31,007
1896.....	.....	135,594	.....	23,992	144,451	95,048	361,265	176,448	22,741	25,145
1897.....	.....	127,147	.....	28,080	137,258	89,980	339,457	176,409	45,614	47,268
1898.....	.....	138,549	.....	27,320	102,558	56,830	306,423	139,275	16,884	20,447
1899.....	.....	160,207	.....	34,813	112,098	68,401	389,543	221,649	29,640	33,508
1900.....	.....	223,424	.....	32,759	136,897	78,527	414,623	129,578	11,983	16,508
1901.....	.....	237,946	.....	29,139	137,402	78,712	498,218	206,545	23,572	35,503
1902.....	.....	223,075	.....	36,619	145,484	78,789	464,799	243,458	60,824	66,220
1903.....	.....	120,800	.....	45,291	111,989	72,990	338,327	237,289	145,660	151,524
1904.....	.....	146,598	.....	47,322	128,490	85,009	377,263	265,276	111,878	125,442
1905.....	.....	154,605	.....	68,297	142,148	100,170	420,604	311,396	120,053	120,842
1906.....	.....	204,811	.....	94,473	162,414	102,151	484,208	358,603	152,615	154,803

MOVEMENT OF OILS, TALLOW, HIDES AND LEATHER.

Receipts and shipments of Petroleum, Other Oils, Tallow, Hides and Leather, at Cincinnati, for years ending August 31, to 1891-92, calendar years subsequently:

YEARS.	PETROLEUM.		OTHER OILS.		TALLOW.		HIDES.		LEATHER.	
	Receipts, bbls.	Shipm'ts, bbls.	Receipts, bbls.	Shipm'ts, bbls.	Receipts, tierces.	Shipm'ts, tierces.	Receipts, pieces.	Shipm'ts, pieces.	Receipts, bundles.	Shipm'ts, bundles.
1882-83.....	219,068	123,216	135,959	111,542	32,936	10,319	339,124	219,206	43,516	51,914
1883-84.....	219,980	122,629	124,628	109,898	36,829	14,173	231,849	167,046	36,967	46,037
1884-85.....	234,467	150,612	90,675	68,960	41,223	12,987	282,290	191,956	35,121	42,174
1885-86.....	306,804	220,854	124,458	84,675	40,277	9,963	271,227	155,923	35,610	47,638
1886-87.....	469,940	359,052	107,783	79,414	44,548	13,912	370,465	200,087	37,513	50,606
1887-88.....	635,356	466,349	81,579	61,692	34,175	10,452	344,412	192,274	36,253	49,881
1888-89.....	533,188	335,568	90,954	60,117	39,617	8,699	372,091	178,095	39,542	56,905
1889-90.....	724,305	481,205	83,653	77,746	54,919	3,441	425,019	284,706	51,544	70,363
1890-91.....	679,995	492,187	141,025	106,684	75,277	5,760	498,560	305,349	61,041	79,162
1891-92.....	501,738	306,414	157,006	126,575	57,933	6,600	499,122	320,776	64,487	94,033
1892.....	417,935	274,302	150,000	124,153	60,958	5,559	552,514	402,905	69,611	94,364
1893.....	473,935	292,704	152,954	109,780	54,628	5,110	545,575	442,653	66,170	74,378
1894.....	430,856	206,605	200,808	140,267	50,999	4,583	437,040	351,533	73,994	73,381
1895.....	439,431	195,046	239,636	218,625	44,851	4,734	503,726	428,120	86,349	71,775
1896.....	401,942	178,376	193,305	149,283	57,377	7,028	412,174	344,668	97,245	86,450
1897.....	377,392	144,098	208,964	146,273	48,945	2,440	464,418	351,601	101,842	88,813
1898.....	417,301	142,302	290,200	270,393	74,949	9,181	568,964	441,269	152,326	118,445
1899.....	359,209	127,277	345,817	303,815	90,580	20,925	630,315	439,938	192,842	173,156
1900.....	334,893	127,572	346,626	287,062	61,462	7,948	587,400	319,959	237,539	188,798
1901.....	321,734	108,179	518,499	421,772	61,823	5,023	650,772	451,687	291,617	206,345
1902.....	316,749	110,990	590,139	474,946	59,406	9,442	758,507	631,148	308,665	225,511
1903.....	270,784	126,962	475,835	435,548	48,151	6,275	566,231	502,477	259,281	200,427
1904.....	290,792	100,927	520,908	446,744	59,950	4,022	657,284	548,633	230,323	197,458
1905.....	261,052	95,516	677,336	574,235	65,953	6,785	693,229	593,693	236,136	232,737
1906.....	305,768	116,746	563,992	473,775	67,227	5,818	824,752	745,426	221,516	189,152

PRICES OF CLOVER AND TIMOTHY SEED, AND HAY.

Quotations for Clover Seed and Timothy Seed, on arrival, at Cincinnati, per bushel, and Hay (No. 1 Timothy), per ton, on Tuesday of each week, in years indicated:

DATES.	CLOVER SEED.		TIMOTHY SEED.		HAY.	
	1906	1905	1906	1905	1906	1905
January 2.....	\$6 50@7 50	\$6 40@7 00	\$1 30@1 35	\$1 15@1 30	\$12 50@13 00	\$12 00@12 50
9.....	6 50@7 50	6 40@7 00	1 30@1 35	1 15@1 30	13 25	12 50@12 75
16.....	6 50@7 50	6 40@7 00	1 30@1 35	1 15@1 30	12 75@13 00	12 50
23.....	6 50@7 50	6 40@7 00	1 30@1 35	1 15@1 30	12 00@12 25	12 00@12 25
30.....	6 50@7 50	6 40@7 00	1 30@1 35	1 15@1 30	12 00@12 25	12 00
February 6.....	6 50@7 50	6 40@7 00	1 30@1 35	1 15@1 30	11 00@12 00	12 00
13.....	6 50@7 50	6 40@7 00	1 30@1 35	1 15@1 30	11 00@11 50	11 75@12 00
20.....	6 50@7 50	6 40@7 00	1 30@1 35	1 15@1 30	12 25@12 50	12 00
27.....	6 50@7 50	6 40@7 00	1 30@1 35	1 15@1 30	12 00@12 25	12 00@12 25
March 6.....	6 50@7 50	6 40@7 00	1 30@1 35	1 15@1 30	12 50@13 00	12 75@13 00
13.....	6 50@7 50	6 40@7 00	1 30@1 35	1 15@1 30	12 50@13 00	12 50@12 75
20.....	6 50@7 50	6 40@7 00	1 30@1 35	1 15@1 30	13 00@13 50	11 75@12 00
27.....	6 50@7 50	6 40@7 00	1 30@1 35	1 15@1 30	13 00@13 50	12 00
April 8.....	6 50@7 50	6 40@7 00	1 30@1 35	1 15@1 30	13 50@13 75	12 00@12 50
10.....	6 50@7 50	6 40@7 00	1 30@1 35	1 15@1 30	14 00@14 50	12 25
17.....	6 00@6 50	7 25@7 75	1 30@1 35	1 20@1 30	14 50@14 75	12 25
24.....	6 00@6 50	7 25@7 75	1 30@1 35	1 20@1 30	14 50@14 75	12 00
May 1.....	6 00@6 50	7 25@7 75	1 30@1 35	1 20@1 30	14 50@14 75	11 50@11 75
8.....	6 00@6 50	7 25@7 75	1 30@1 35	1 20@1 30	15 50@15 75	11 75@12 00
15.....	6 00@6 50	6 25@6 75	1 30@1 35	1 20@1 30	16 00@16 25	12 00@12 50
22.....	6 00@6 50	6 25@6 75	1 30@1 35	1 20@1 30	15 00@15 25	11 75@12 00
29.....	6 00@6 50	6 25@6 75	1 30@1 35	1 20@1 30	15 00@15 25	11 75
June 5.....	4 50@5 50	6 25@6 75	1 35@1 45	1 20@1 30	15 50@15 75	11 50@11 75
12.....	4 50@5 50	6 25@6 75	1 35@1 45	1 20@1 30	15 25@15 75	10 75@11 25
19.....	4 50@5 50	6 25@6 75	1 35@1 45	1 20@1 30	15 50@16 00	10 75
26.....	4 50@5 50	6 25@6 75	1 35@1 45	1 20@1 30	15 00@15 50	10 25@10 75
July 3.....	4 50@5 50	6 25@6 75	1 50@1 80	1 20@1 30	15 50@16 00	10 50@10 75
10.....	4 50@5 50	6 25@6 75	1 50@1 80	1 20@1 30	17 50@18 00	11 50@12 00
17.....	4 50@6 00	6 25@6 75	1 50@1 80	1 20@1 30	17 50@18 00	11 75@12 00
24.....	4 50@6 00	6 25@6 75	1 50@1 80	1 20@1 30	16 00@16 50	12 25@12 50
31.....	4 50@6 00	6 25@6 75	1 50@1 80	1 20@1 30	17 00@17 50	12 00@12 50
August 7.....	4 50@6 00	.....	1 50@1 80	1 35@1 45	*15 50@16 00	12 00@12 50
14.....	4 50@6 00	.....	1 50@1 80	1 35@1 45	15 75@16 00	*10 00@10 50
21.....	4 50@6 00	.....	1 50@1 80	1 35@1 45	15 25@15 50	10 25@10 50
28.....	5 00@7 00	.....	1 50@1 80	1 45@1 60	15 25@15 50	11 00@11 50
September 4.....	5 00@7 00	.....	1 50@1 80	1 45@1 60	15 00@15 50	11 50@12 00
11.....	5 00@7 00	5 70@6 00	1 50@1 80	1 40@1 55	15 75@16 00	11 50@12 00
18.....	5 00@7 00	5 70@6 00	1 50@1 80	1 40@1 55	16 00@16 25	12 00@12 50
25.....	5 00@7 00	5 70@6 00	1 50@1 80	1 40@1 55	16 00@16 25	12 25@12 50
October 2.....	5 00@7 00	5 70@6 00	1 50@1 80	1 40@1 55	16 00@16 25	12 50
9.....	6 00@7 25	5 70@6 00	1 50@1 80	1 40@1 55	16 00@16 25	12 25@12 50
16.....	6 00@7 25	5 70@6 00	1 50@1 80	1 40@1 55	17 00@17 25	12 25@12 50
23.....	6 00@7 25	5 70@6 00	1 50@1 80	1 35@1 40	18 00	12 25@12 50
30.....	7 00@7 50	6 50@7 00	1 50@1 80	1 35@1 40	18 00@18 25	12 25@12 50
November 6.....	7 00@7 50	6 50@7 00	1 50@1 80	1 35@1 40	17 75@18 00	12 00@12 25
13.....	7 00@7 50	6 50@7 00	1 50@1 80	1 35@1 40	17 75@18 00	12 25@12 50
20.....	7 00@7 50	6 50@7 00	1 50@1 80	1 35@1 40	19 00	13 00
27.....	7 00@7 50	6 50@7 00	1 50@1 80	1 35@1 40	19 00	13 00@13 50
December 4.....	7 00@7 50	6 50@7 00	1 50@1 80	1 30@1 35	19 00@19 25	11 50@13 50
11.....	7 00@7 50	6 50@7 00	1 50@1 80	1 30@1 35	19 25@19 50	13 00@13 50
18.....	7 00@7 50	6 50@7 00	1 50@1 85	1 30@1 35	19 00	12 25@12 75
25.....	7 00@7 50	6 50@7 00	1 50@1 85	1 30@1 35	19 00	12 50@12 75

* New.

PRICES OF HAY BY GRADES.

Prices of Hay, at Cincinnati, at the close of December, as indicated:

KINDS.	1906	1905	1904	1903	1902	1901
No. 1 Timothy, on arrival.....	\$18 50	\$12 50@12 75	\$12 00@12 25	\$12 50@13 00	\$14 00@14 50	\$13 50
No. 2 Timothy, on arrival.....	17 00	11 00@11 25	10 50@11 00	11 00@11 50	13 00@13 50	11 50@12 00
Mixed, on arrival.....	16 50@17 00	9 00@10 50	9 00@10 50	9 00@10 50	12 00@13 50	9 00@11 50

PRICES OF BUTTER, CHEESE AND EGGS.

Quotations for choice Dairy Butter, fancy Creamery Butter, and Ohio Cheese, per pound, and Eggs, per dozen, at Cincinnati, on Tuesday of each week:

DATES.	DAIRY BUTTER.		CREAMERY BUTTER.		CHEESE.		EGGS.	
	1906	1905	1906	1905	1906	1905	1906	1905
January 2.....	15½	15	25½@26	28 @29	12½	12½@13	22	25
9.....	16½	16	26½@27	29 @30	12½@13½	12½@13	24	27
16.....	16½	17	26½@27	29 @30½	12½@13½	12½@13	20	26
23.....	16½	17	26½@27	29½@30½	13½	12½@13	19	23
30.....	15	17	26½@27	29 @30	18½	12½@13	16	27
February 6.....	15	19	26½@27	30 @31	18½	12½@13	17	29
13.....	15	20	27 @28½	31 @32	18½	12½@13	14	30
20.....	15	22	28 @29	33 @34	18½	12½@13	13	24
27.....	17 @18	22	28½@29½	33 @34	18½	12½@13	15	28
March 6.....	17 @18	20	27 @28	29 @30	18½	12½@13	13	20
13.....	15 @17	18	27 @28	24 @25	18½	14 @14½	13	15
20.....	15 @17	16 @19	27 @28	25 @26	18½	14 @14½	13½	15½
27.....	15 @17	18 @20	27 @28	28 @29	18½	14 @14½	13½	15
April 8.....	15 @17	18 @20	26 @27	26 @27	18½	14 @14½	15	15
15.....	15	18 @20	21 @22	28 @30	18½	14 @14½	16½	16
22.....	14	18 @22	21 @22	30 @32	18½	14 @14½	14	16
29.....	14	18 @20	21 @22	28 @29	18½	14 @14½	14½	16
May 6.....	14	15	21 @22	24 @25	18½	14 @14½	14½	16
13.....	12½	16	20 @21	23½@24½	13½	14 @14½	14	15½
20.....	12	16	20 @21	21½@22½	13½	14 @14½	14½	15
27.....	12	15½	19 @20	20½@21½	13½	14 @14½	14½	15
June 3.....	12½	15½	20 @21	20½@21½	11	14 @14½	14½	15
10.....	12½	18	19½@20½	20 @21	11	12 @12½	14½	15
17.....	13½	18	20 @21	19 @20	11	10 @10½	14	15
24.....	13½	14	20 @21	19½@20½	11	10 @10½	14½	14½
July 1.....	14	14	20 @21	19½@20½	11 @11½	10 @10½	14½	14½
8.....	14	14	20 @21	19½@20½	11 @11½	10 @10½	14½	14½
15.....	14	14	20 @21	19½@20½	11 @11½	10 @10½	14	14
22.....	14	14	20 @21	19½@20½	11 @11½	10 @10½	14	14
29.....	14	14½	20 @21	19½@20½	11 @11½	10 @10½	14½	14
August 5.....	14	15½	21½@22½	19½@20½	11 @11½	11 @11½	15½	14
12.....	14½	15½	21½@22½	20½@21½	12	11 @11½	14½	15
19.....	14½	15½	22½@23½	20 @21	12	11 @11½	15	16
26.....	15	15½	23 @24	20 @21	12	11 @11½	16½	17
September 2.....	15½	15	23 @24	20½@21½	13	11 @11½	18	17
9.....	15½	15	24 @25	20½@21½	13	11 @11½	19	17½
16.....	15½	15	24½@25½	20½@21½	13	11 @11½	21	18
23.....	16	15	24½@25½	20½@21½	13	12 @12½	21	19
30.....	16	15	24½@25½	20 @21	13	12 @12½	21	19
October 6.....	16	15	24½@25½	20½@21½	13	12 @12½	22	18½
13.....	16½	15	26 @27	20½@21½	13	12 @12½	22	18½
20.....	16½	15	26 @27	20½@21½	18	12 @12½	22	18½
27.....	16½	15	26 @27	22 @23	13	12 @12½	22	21
November 3.....	16½	15	26 @27	22 @23	13½@13½	12 @12½	24	23
10.....	16½	15	26 @27	22 @23	13½@13½	13½@14	28	24
17.....	16½	15	26 @27	23 @24	18½@18½	13½@14	28	26
24.....	17	15	28 @29	23 @24	18½@18½	13½@14	29	28
December 1.....	17	15	30 @31	23½@24½	18½@18½	13½@14	29	26
8.....	17½	15½	30 @31	23½@24½	13½@13½	13½@14	29	27
15.....	18	15	31 @32	24 @25	13½@13½	13½@14	27	24
22.....	18½	15	31½@32½	24 @25	13½@13½	13½@14	25	25
29.....	18½	15	31½@32½	24½@25	14	13½@14	26	25

PRICES OF BUTTERINE.

Prices of Butterine, at Cincinnati, for the year 1906, ranged as follows:

January.....	11½@15	April.....	11½@15	July.....	11½@15	October.....	11½@15
February.....	11½@15	May.....	11½@15	August.....	11½@15	November.....	11½@15
March.....	11½@15	June.....	11½@15	September.....	11½@15	December.....	11½@15

PRICES OF APPLES, ORANGES, LEMONS AND POTATOES.

Quotations for Green Apples (choice), per barrel; Oranges (choice), per box; Lemons (choice), per box; Potatoes, per bushel, at Cincinnati, each week:

DATE.	GREEN APPLES.		ORANGES.		LEMONS.		POTATOES.	
	1906	1905	1906	1905	1906	1905	1906	1905
January 2....	\$4 25@4 50	\$2 25@2 50	\$2 25@3 00	\$1 60@2 25	\$2 75@4 00	\$1 60@2 75	55 @ 60	38 @ 40
9.....	4 50@4 75	2 25@2 60	2 25@3 00	1 40@2 25	2 75@4 00	1 60@2 50	60 @ 65	38 @ 40
16.....	4 50@4 75	2 25@2 50	1 75@2 50	1 40@2 25	2 00@3 50	1 60@2 50	60 @ 62	38 @ 40
23.....	4 50@4 75	1 75@2 00	1 75@2 50	2 15@2 25	2 00@3 50	1 60@3 00	60 @ 62	40 @ 42
30.....	4 50@4 75	1 75@2 00	1 75@2 50	2 00@2 40	2 00@3 50	2 25@3 00	60 @ 62	40 @ 42
February 6.....	4 50	2 25@2 50	1 75@2 50	2 00@2 40	2 00@3 50	2 25@3 00	60 @ 62	35 @ 38
13.....	4 00@4 50	2 25@2 50	1 75@2 96	2 00@2 40	2 00@3 50	2 25@3 00	50 @ 52	35 @ 38
20.....	4 00@4 50	2 25@2 50	2 25@3 25	2 00@2 50	2 75@3 50	2 25@2 40	50 @ 52	35 @ 38
27.....	4 50@5 00	2 25@2 50	2 50@3 25	2 00@2 50	2 50@3 50	2 25@2 50	45 @ 50	40 @ 43
March 6.....	4 50@5 00	2 25@2 50	2 50@4 00	1 75@2 50	2 75@3 50	2 25@2 50	45 @ 50	38 @ 40
13.....	4 50@5 00	2 50@2 75	2 75@4 00	1 75@2 50	8 50@4 00	2 25@2 50	45 @ 57	38 @ 35
20.....	4 50@5 00	2 25@2 75	8 00@3 75	1 15@2 50	8 50@4 00	1 65@2 50	45 @ 57	25 @ 30
27.....	4 50@5 00	2 25@2 50	8 00@3 75	1 15@2 50	8 50@4 00	1 65@2 50	65 @ 75	25 @ 30
April 8.....	5 00	2 25@2 50	8 00@4 50	1 75@2 50	8 50@4 00	1 65@2 50	75 @ 85	25 @ 30
15.....	4 50@5 00	2 50@2 75	8 00@4 75	2 50@3 50	8 50@4 00	1 40@2 50	60 @ 75	25 @ 30
22.....	4 50@5 00	2 50@2 75	8 00@4 75	2 50@3 50	8 50@4 00	1 35@2 75	60 @ 75	25 @ 30
29.....	4 50@5 00	2 50@2 75	8 00@4 75	2 50@3 50	8 50@4 00	1 35@2 75	60 @ 75	25 @ 30
May 1.....	4 50@5 00	2 50@3 00	2 75@3 60	1 75@3 50	8 00@4 00	1 70@2 75	60 @ 75	25 @ 32
8.....	4 50@5 00	2 75@3 00	2 50@3 75	1 75@3 50	8 75@4 00	1 00@2 75	60 @ 75	25 @ 32
15.....	4 50@5 00	2 75@3 00	2 75@4 00	1 20@3 00	8 75@4 00	1 70@2 75	55 @ 70	25 @ 27
22.....	4 50@5 00	2 75@3 00	2 75@4 00	1 50@3 50	8 75@4 00	2 00@2 75	55 @ 70	25 @ 30
29.....	4 00@5 00	2 75@3 00	2 50@3 40	2 50@3 50	2 50@3 50	2 00@2 75	55 @ 75	25 @ 30
June 5.....	4 00@6 00	2 75@3 50	8 75@5 00	2 50@3 50	4 25@5 60	2 00@2 75	1 00	25
12.....	.....	2 75@3 50	2 50@4 25	2 50@3 50	4 00@5 50	2 00@2 75	1 00	25
19.....	.....	2 75@3 50	2 50@4 50	2 50@3 50	4 00@5 50	2 00@2 75	1 00	80
26.....	.....	2 50@3 00	2 75@5 00	2 50@4 50	8 00@5 50	8 50@5 00	1 00	50 @ 60
July 3.....	.....	2 50@3 00	2 75@5 00	2 50@4 50	8 00@5 50	8 50@5 00	90	50 @ 60
10.....	3 00@3 50	8 50@4 00	8 50@5 00	2 50@3 50	4 00@6 00	8 50@5 00	85 @ 90	45 @ 55
17.....	3 50@3 75	3 00@3 50	8 50@5 00	2 50@4 50	4 00@5 50	8 50@5 00	85 @ 90	45 @ 55
24.....	2 50	2 75@3 00	8 50@5 25	2 50@4 50	8 50@5 00	8 50@5 00	75 @ 80	45 @ 55
31.....	2 50	8 00@3 50	8 00@5 25	4 75@5 25	8 50@5 00	5 00@7 50	75 @ 80	45 @ 55
August 7.....	2 50	8 00@3 25	5 00@5 50	4 75@5 25	8 50@5 00	5 00@7 50	75 @ 80	45 @ 55
14.....	2 50	8 25@3 50	5 00@5 50	4 75@5 25	8 50@5 00	5 00@7 50	75 @ 80	45 @ 55
21.....	2 10@2 70	8 25@3 50	5 00@5 50	4 75@5 25	5 00@7 00	5 00@7 50	58 @ 66	45 @ 50
28.....	1 50@2 00	8 25@3 50	6 00@6 50	4 75@5 25	6 00@8 00	5 00@7 50	58 @ 62	45 @ 50
September 4.....	1 50@2 00	8 50@4 00	5 50	4 50@5 50	6 50@8 00	7 00@8 50	60	45 @ 50
11.....	2 00@2 25	8 50@4 00	3 50@5 00	5 00@5 50	6 00@8 00	6 50@7 50	60	50 @ 55
18.....	1 25@2 25	3 00@3 50	3 50@5 00	6 00@5 50	6 50@8 00	6 50@7 50	55	48 @ 45
25.....	2 25@2 50	8 00@3 50	3 50@5 00	5 00@5 50	6 50@7 00	6 50@7 50	60	45 @ 47
October 2.....	1 50@2 00	8 50@4 00	3 50@5 00	5 00@5 50	6 50@7 00	6 50@7 50	55	50 @ 55
9.....	1 25@2 50	8 50@4 00	2 50@5 00	5 00@5 50	6 00@7 50	4 50@6 00	55	55 @ 60
16.....	90@1 00	8 50@4 00	2 50@5 00	5 00@5 50	6 00@7 50	4 50@6 00	55 @ 60	53 @ 55
23.....	90@1 00	8 50@4 00	2 50@5 00	3 00@5 50	6 00@7 50	8 50@7 00	54 @ 58	52 @ 55
30.....	90@1 00	8 50@4 00	2 75@5 00	3 00@5 50	5 50@6 00	8 50@7 00	50 @ 55	65 @ 75
November 6.....	90@1 00	8 50@4 00	2 75@5 00	3 00@5 50	5 50@6 00	8 50@7 00	50 @ 55	65 @ 70
13.....	90@1 00	8 50@4 00	2 25@2 40	2 40@2 60	4 00@5 00	4 25@5 00	50 @ 58	60 @ 65
20.....	1 50@1 75	8 50@4 00	2 40@2 55	2 20@2 50	4 00@5 00	8 75@5 00	45 @ 50	60 @ 65
27.....	1 50@1 75	8 50@4 00	2 40@2 55	2 20@2 50	4 00@5 00	8 75@5 00	45 @ 50	60 @ 65
December 4.....	1 50@1 75	8 75@4 00	2 40@2 50	2 25@2 60	4 00@4 50	8 00@4 50	45 @ 47	60 @ 80
11.....	1 50@1 75	8 75@4 00	2 40@2 50	1 80@2 50	4 00@4 50	2 75@4 00	45 @ 47	55 @ 60
18.....	1 50@1 75	8 75@4 00	2 40@2 50	1 80@2 50	4 00@5 00	2 75@4 00	45 @ 47	55 @ 60
25.....	1 50@1 75	8 75@4 00	2 40@2 50	2 25@3 00	4 00@5 00	2 75@4 00	45 @ 47	55 @ 60

POTATO CROPS OF THE UNITED STATES.

Estimated yearly production of Potatoes in the United States, in bushels:

1887.....	134,108,000	1892.....	156,655,000	1897.....	164,016,000	1902.....	284,683,000
1888.....	202,385,000	1893.....	183,084,000	1898.....	192,306,000	1903.....	247,128,000
1889.....	204,990,000	1894.....	170,787,000	1899.....	228,783,000	1904.....	332,830,000
1890.....	148,079,000	1895.....	297,237,000	1900.....	210,927,000	1905.....	260,741,000
1891.....	254,427,000	1896.....	252,235,000	1901.....	187,598,000	1906.....	308,038,000

PRICES OF COFFEE AND SUGAR.

Quotations for Fair Rio Coffee, Off A and Hards Sugar, per pound, at Cincinnati, on Tuesday of each week :

DATES.		FAIR RIO COFFEE.		OFF A SUGAR.		HARDS SUGAR.	
		1906	1905	1906	1905	1906	1905
January	2	9 $\frac{3}{4}$	10 $\frac{7}{8}$	4.45@4.65	5.93@6.08	5.00@5.73	6.23@6.96
	9	9 $\frac{3}{4}$	10 $\frac{7}{8}$	4.55@4.75	6.08@6.13	5.10@5.83	6.38@7.06
	16	10	10 $\frac{7}{8}$	4.55@4.75	6.13@6.23	5.10@5.83	6.48@7.18
	23	10	10 $\frac{7}{8}$	4.55@4.75	6.23@6.33	5.10@5.83	6.58@7.28
	30	10 $\frac{1}{4}$	10 $\frac{7}{8}$	4.55@4.75	6.23@6.33	5.10@5.83	6.58@7.28
February	6	10 $\frac{1}{4}$	10 $\frac{7}{8}$	4.55@4.75	5.93@6.13	5.10@5.83	6.48@7.18
	13	10 $\frac{1}{4}$	10 $\frac{7}{8}$	4.45@4.65	5.83@6.08	5.00@5.73	6.38@7.06
	20	10 $\frac{1}{4}$	10 $\frac{7}{8}$	4.45@4.65	5.83@6.08	4.90@5.60	6.38@7.06
	27	10 $\frac{1}{4}$	10 $\frac{7}{8}$	4.45@4.65	5.83@6.08	4.90@5.60	6.38@7.06
March	6	10 $\frac{1}{4}$	9 $\frac{3}{4}$	4.55@4.75	5.83@6.08	5.00@5.70	6.38@7.06
	13	10 $\frac{1}{4}$	9 $\frac{3}{4}$	4.55@4.75	5.83@6.08	5.00@5.70	6.38@7.06
	20	10	9 $\frac{3}{4}$	4.65@4.85	5.83@6.08	5.10@5.80	6.38@7.06
	27	10	9 $\frac{3}{4}$	4.65@4.85	5.83@6.08	5.10@5.80	6.38@7.06
April	3	10	9 $\frac{3}{4}$	4.65@4.85	5.93@6.13	5.10@5.80	6.48@7.18
	10	10	9 $\frac{3}{4}$	4.65@4.85	5.93@6.13	5.10@5.80	6.48@7.18
	17	9 $\frac{7}{8}$	9 $\frac{3}{4}$	4.55@4.75	5.93@6.13	5.00@5.70	6.48@7.18
	24	9 $\frac{7}{8}$	9 $\frac{3}{4}$	4.45@4.65	5.93@6.13	4.90@5.60	6.48@7.18
May	1	9 $\frac{7}{8}$	9 $\frac{3}{4}$	4.55@4.75	5.93@6.13	5.00@5.70	6.48@7.18
	8	9 $\frac{7}{8}$	10	4.55@4.75	5.93@6.13	5.00@5.70	6.48@7.18
	15	9 $\frac{7}{8}$	10	4.55@4.75	5.63@5.83	5.00@5.70	6.18@6.88
	22	9 $\frac{7}{8}$	10	4.45@4.65	5.63@5.83	4.90@5.60	6.18@6.88
	29	9 $\frac{7}{8}$	10	4.55@4.75	5.63@5.83	5.00@5.70	6.18@6.88
June	5	9 $\frac{7}{8}$	10	4.55@4.75	5.63@5.83	5.00@5.70	6.18@6.88
	12	9 $\frac{7}{8}$	9 $\frac{3}{4}$	4.55@4.75	5.63@5.83	5.00@5.70	6.18@6.88
	19	9 $\frac{7}{8}$	9 $\frac{3}{4}$	4.65@4.85	5.63@5.83	5.10@5.80	6.18@6.88
	26	9 $\frac{7}{8}$	9 $\frac{3}{4}$	4.65@4.85	5.28@5.48	5.10@5.80	5.83@6.53
July	3	9 $\frac{7}{8}$	9 $\frac{3}{4}$	4.65@4.85	5.28@5.48	5.10@5.80	5.83@6.53
	10	9 $\frac{7}{8}$	9 $\frac{3}{4}$	4.65@4.85	5.28@5.48	5.10@5.80	5.83@6.53
	17	9 $\frac{7}{8}$	9 $\frac{3}{4}$	4.55@4.75	5.08@5.28	5.10@5.80	5.63@6.33
	24	9 $\frac{7}{8}$	9 $\frac{3}{4}$	4.65@4.85	5.08@5.28	5.20@5.90	5.63@6.33
	31	10 $\frac{1}{8}$	10 $\frac{1}{4}$	4.65@4.85	5.18@5.38	5.20@5.90	5.73@6.43
August	7	10 $\frac{1}{8}$	10 $\frac{1}{4}$	4.75@4.95	5.18@5.38	5.30@6.00	5.73@6.43
	14	10 $\frac{1}{8}$	10 $\frac{1}{4}$	4.75@4.95	5.18@5.38	5.30@6.00	5.73@6.43
	21	10 $\frac{1}{8}$	10 $\frac{1}{4}$	4.75@4.95	5.18@5.38	5.30@6.00	5.73@6.43
	28	10 $\frac{1}{8}$	10 $\frac{1}{4}$	4.75@4.95	5.18@5.38	5.30@6.00	5.73@6.43
September	4	10 $\frac{1}{8}$	10 $\frac{1}{4}$	4.75@4.95	5.18@5.38	5.30@6.00	5.73@6.43
	11	10 $\frac{1}{8}$	10 $\frac{1}{4}$	4.75@4.95	5.18@5.38	5.30@6.00	5.73@6.43
	18	10 $\frac{1}{8}$	10 $\frac{1}{4}$	5.00@5.15	4.88@5.08	5.40@6.20	5.43@6.13
	25	10 $\frac{1}{8}$	10 $\frac{1}{4}$	5.00@5.15	4.88@5.08	5.40@6.20	5.43@6.13
October	2	10 $\frac{1}{8}$	10 $\frac{1}{4}$	5.00@5.15	4.68@4.88	5.40@6.20	5.23@5.93
	9	10 $\frac{1}{8}$	10 $\frac{1}{4}$	5.00@5.15	4.58@4.78	5.40@6.20	5.13@5.83
	16	10 $\frac{1}{8}$	10 $\frac{1}{4}$	4.75@4.95	4.58@4.78	5.30@6.00	5.13@5.83
	23	10	10 $\frac{1}{4}$	4.75@4.95	4.48@4.68	5.30@6.00	5.03@5.73
	30	9 $\frac{3}{4}$	10 $\frac{1}{4}$	4.65@4.85	4.45@4.65	5.20@5.90	5.00@5.73
November	6	9 $\frac{3}{4}$	10 $\frac{1}{4}$	4.65@4.85	4.35@4.55	5.20@5.90	4.90@5.63
	13	9 $\frac{3}{4}$	10 $\frac{1}{4}$	4.65@4.85	4.35@4.55	5.20@5.90	4.90@5.63
	20	9 $\frac{3}{4}$	10 $\frac{1}{4}$	4.65@4.85	4.45@4.65	5.20@5.90	5.00@5.73
	27	9 $\frac{3}{4}$	10	4.65@4.85	4.45@4.65	5.20@5.90	5.00@5.73
December	4	9 $\frac{3}{4}$	10	4.65@4.85	4.45@4.65	5.20@5.90	5.00@5.73
	11	9 $\frac{3}{4}$	10	4.65@4.85	4.45@4.65	5.20@5.90	5.00@5.73
	18	9	9 $\frac{3}{4}$	4.65@4.85	4.45@4.65	5.20@5.90	5.00@5.73
	25	9	9 $\frac{3}{4}$	4.65@4.85	4.45@4.65	5.20@5.90	5.00@5.73

PRICES OF MOLASSES.

Quotations for Prime to Strict Prime New Orleans Molasses, per gallon, at Cincinnati, monthly, in 1906:

January	27@35	April	27@35	July	27@35	October	26@34
February	27@35	May	27@35	August	26@35	November	26@34
March	27@35	June	27@35	September	26@34	December	26@34

PRICES OF COFFEE.

Prices of the various kinds of Coffee, per pound, at Cincinnati, at the close of December, as indicated:

GRADES.	1906	1905	1904	1903	1902	1901
Rio, prime.....	9 $\frac{1}{2}$	10 $\frac{1}{4}$	11 $\frac{1}{2}$	10 $\frac{1}{2}$	8 $\frac{1}{2}$	10 $\frac{1}{4}$
Rio, good.....	9 $\frac{1}{4}$	10	11 $\frac{1}{4}$	10 $\frac{1}{4}$	8 $\frac{1}{4}$	10
Rio, fair.....	9	9 $\frac{3}{4}$	10 $\frac{3}{4}$	9 $\frac{3}{4}$	8 $\frac{3}{4}$	9 $\frac{3}{4}$
Rio, low fair.....	8 $\frac{3}{4}$	9 $\frac{1}{4}$	10 $\frac{1}{4}$	9 $\frac{1}{4}$	7 $\frac{3}{4}$	9 $\frac{1}{4}$
Rio, low ordinary.....	8 $\frac{1}{2}$	9 $\frac{1}{2}$	10 $\frac{1}{2}$	9	7 $\frac{1}{2}$	8 $\frac{1}{2}$
Rio, ordinary.....	8 $\frac{1}{4}$	9 $\frac{1}{4}$	10	8 $\frac{1}{4}$	6 $\frac{3}{4}$	8 $\frac{1}{4}$
Rio, low ordinary.....	8 $\frac{1}{8}$	9	9 $\frac{1}{8}$	8 $\frac{1}{8}$	6 $\frac{1}{2}$	7 $\frac{1}{8}$
Rio, strict good common.....	7 $\frac{3}{4}$	8 $\frac{7}{8}$	9 $\frac{3}{8}$	7 $\frac{3}{4}$	5 $\frac{3}{4}$	7 $\frac{3}{4}$
Rio, good common.....	7 $\frac{1}{2}$	8 $\frac{1}{2}$	9 $\frac{1}{2}$	7 $\frac{1}{2}$	5 $\frac{1}{2}$	7 $\frac{1}{2}$
Rio, common.....	7	8 $\frac{1}{4}$	8 $\frac{1}{4}$	7 $\frac{1}{2}$	5 $\frac{1}{8}$	6 $\frac{1}{8}$
Java, Government.....	20 @23	22	22	22 @30	18 @30	18 @30
Mocha.....	19 @20	17	17	17 @22	16 $\frac{1}{2}$ @19	18 $\frac{1}{2}$ @20

NOTE.—The total importation of Coffee into the United States for the year ending June 30, 1906, was 851,669,000 pounds; for the preceding year, 1,047,793,000 pounds. About 74 per cent of the arrivals for the two years came from Brazil, 26 per cent from other South American countries, Central America, and other sources. Total importation of Tea for the year ending June 30, 1906, was 93,622,000 pounds; for the preceding year, 102,706,000 pounds.

TEMPERATURE RECORDS AT CINCINNATI.

Maximum and minimum records of Temperature, at Cincinnati, the annual mean and annual range, and greatest daily range, in degrees Fah., as prepared for the Chamber of Commerce from records of the Weather Bureau, by S. S. BASSLER, Local Forecaster:

YEARS.	Maximum.	DATES.	Minimum.	DATES.	Mean.	Range.	Greatest Daily Range.
1878.....	96	July 11, 17, 18.	— 1	December 24.	57.0	97	86
1879.....	98	July 11, 16.	—10	January 3.	56.2	108	41
1880.....	96	July 18.	— 5	Dec. 29, 30.	56.8	101	32
1881.....	104	July 10.	2	January 1.	57.7	102	31
1882.....	96	June 25.	1	December 8.	56.9	95	36
1883.....	94	July 22.	6	January 22.	55.3	88	36
1884.....	93	June 22.	—10	January 5.	56.0	108	37
1885.....	97	July 20.	—10	Feb. 11, 12.	51.0	107	37
1886.....	95	July 29.	—12	January 11.	52.5	107	36
1887.....	101	July 18.	— 5	January 3.	55.3	106	44
1888.....	97	August 3.	6	February 27.	53.4	91	38
1889.....	92	July 9, Sept. 1.	6	February 23.	54.8	86	38
1890.....	96	June 28.	7	March 6.	56.4	89	39
1891.....	92	August 9.	4	February 4.	54.7	88	38
1892.....	98	July 24.	2	December 27.	53.3	96	34
1893.....	95	July 30.	—11	January 15.	53.7	106	34
1894.....	96	August 9.	— 4	January 25.	56.1	100	35
1895.....	97	June 3.	—12	February 8.	53.6	109	43
1896.....	96	August 6.	— 2	February 20.	55.6	98	37
1897.....	98	July 4.	—10	January 25.	55.3	108	38
1898.....	98	July 8.	1	February 3.	55.9	97	41
1899.....	99	September 6.	—17	February 9.	55.0	116	34
1900.....	97	September 10.	— 5	February 25.	56.0	102	41
1901.....	105	July 22.	— 7	December 15.	54.0	112	47
1902.....	96	July 17.	0	February 3.	55.0	96	36
1903.....	96	July 10.	— 1	February 17.	54.3	97	38
1904.....	94	July 17, Aug. 25	0	February 16.	53.0	94	47
1905.....	94	June 19.	— 5	February 13.	54.0	99	38
1906.....	94	June 29.	0	February 6.	55.4	94	35

Mark (—) as indicated, means below zero.

PRICES OF SUGAR AND MOLASSES.

Prices of the various kinds of Sugar, per pound, and of Molasses and Syrups, per gallon, at Cincinnati, at the close of December:

SUGAR.			MOLASSES.		
KINDS.	1906	1905	KINDS.	1906	1905
New Orleans:			New Orleans—Open Kettle:		
Clarified, white	4.75@4.80	4.25@4.50	Choice to fancy.....	34@40	35@42
Yellow	4.50@4.62½	4.60@4.25	Prime to strict prime.....	31@34	32@35
" common.....	4.25@4.37½	8.50@4.00	Fair to prime.....	26@31	27@32
Refined:			New Orleans—Centrifugals:		
Cubes.....	5.45	5.28	Choice to fancy.....	18@25	18@23
Powdered	5.80	5.13	Prime to strict prime.....	15@17	14@17
Granulated.....	5.20	5.00	Common to prime.....	13@14	12@13
" Off A"	4.65@4.85	4.45@4.65	Sorghum:		
Extra " C "	4.85@4.45	4.15@4.25	Prime to choice.....	35	24@25
Yellow	4.25@4.30	4.05@4.10	Fair to good.....	33	23@24

LOW AND HIGH PRICES OF PIG IRON.

Lowest and highest quotations of No. 2 Southern Coke Foundry Iron, per ton, at Cincinnati, for years indicated:

YEARS.	LOWEST.		HIGHEST.	
	Quotations.	Months.	Quotations.	Months.
1897.....	\$ 8 50@ 8 75	June	\$10 00@10 25	January.
1898.....	9 25@ 9 50	July, August.....	9 75@10 25	December.
1899.....	10 25@10 50	January	20 75@21 75	October.
1900.....	12 50@14 00	October	20 75@21 75	January.
1901.....	13 00@13 25	August.....	14 00@14 75	December.
1902.....	14 25@15 00	January	24 00@26 25	October.
1903.....	12 00@12 50	December.....	21 75@22 75	January.
1904.....	11 75@12 25	July	16 25@16 75	December.
1905.....	13 75@14 75	January.....	16 75@17 25	December.
1906.....	16 75@17 25	January, February.....	21 00@26 50	December.

Lowest and highest quotations of No. 1 Hanging Rock Charcoal Iron, per ton, at Cincinnati, for years indicated:

YEARS.	LOWEST.		HIGHEST.	
	Quotations.	Months.	Quotations.	Months.
1897.....	\$14 25@15 50	September to December, inclusive..	\$15 00@16 25	January.
1898.....	14 00@15 50	June, July.....	14 50@15 50	Jan. to May, and Aug. to Dec., inc.
1899.....	15 00@16 00	January	24 00@26 00	November, December.
1900.....	20 00@21 00	October, November, December	26 00@27 00	May.
1901.....	19 50@20 00	February.....	20 00@21 50	December.
1902.....	20 50@21 50	January	36 00@37 00	September, October.
1903.....	24 15@25 15	October, November, December.....	32 15@34 15	January, February.
1904.....	22 15@22 65	March to August.....	23 65@24 65	December.
1905.....	23 65@26 65	January to September.....	26 65@27 15	November, December.
1906.....	26 65@27 15	January to September.....	30 15@32 15	December.

NOTE.—Elsewhere in this report will be found comparative monthly and yearly average prices of Pig Iron, at Cincinnati, covering a period of twenty years.

PRICES OF SOAP AND OILS.

Prices of leading kinds of Soap, at Cincinnati, at the close of December:

KINDS.	1906	1905	1904	1903	1902
German, per box (60 lbs.)...	\$2 40 @2 45	\$2 40 @2 45	\$2 40 @2 45	\$2 65 @2 70	\$2 65 @2 70
Oleine, " (60 lbs.)...	2 45	2 35	2 40 @2 45	2 50 @2 55	2 70 @2 75
Family, " (60 lbs.)...	2 45 @2 50	2 30 @2 35	2 30 @2 35	2 40 @2 45	2 40 @2 45
Castile, mottled, per lb.	7½ @ 8	7½ @ 8½	7½ @ 8½	7½ @ 8½	7½ @ 8½
Castile, white, "	12½	12½	12½	12½	12½
Extra Olive, per box (60 lbs.)	2 30 @2 35	2 30 @2 35	2 30 @2 35	2 40 @2 45	2 40 @2 45
Lenox, " (75 lbs.)	2 95 @3 00	2 80 @2 85	2 80 @2 85	3 05 @3 10	3 05 @3 10
Town Talk, " (62½ lbs.)	2 50	2 35	2 30 @2 35	2 45 @2 50	2 40 @2 45
Ivory, " (62½ lbs.)	6 70 @6 75	6 70 @6 75	6 70 @6 75	6 70 @6 75	6 70 @6 75

Prices of Oils under the head of Petroleum, per gallon, which are quoted by the Chamber of Commerce, at Cincinnati, at the close of December, as indicated:

KINDS.	1906	1905	1904	1903	1902	1901	1900
Carbon Oil, 120° flash test.....	9½	9½	10	12½	10	8½	7½ @ 8
" 150° W. W.	10½	10½	11	13½	11	10	8½ @ 9
" H. L. 175° fire test.....	11½	11½	12	14½	15	11	9½ @ 10
West Virginia, 28° gravity.....	17½	17	17	17	17	23 @ 26	22 @ 25
" 29° "	19	19	19	19	19	21 @ 26	20 @ 25

PRICES OF COTTON WARPS, ETC.

Prices of Warps, Wicking, Twine, Rope, Batting and Wadding, at Cincinnati, at the close of December, for years indicated:

STOCK.	1906	1905	1904	STOCK.	1906	1905	1904
Carpet Warps, white, per lb.....	20	20	18	Rope, 2-16 to 6-16 inch, fine thread, per lb....	14@18	17	15
Carpet Warps, colored, per lb.....	22	22	20	Batting, per lb	8@17	9@17	8@15
Candle Wicking, per lb	14@21	14@22	12@20	Wadding, black, 2 lbs., per doz	25@35	30@40	25@35
Twine, Argonaut, per lb.....	19½	21	18	Wadding, black, 1 lb., per doz	18@25	24@34	22@32

NOTE.—Above prices based on sixty days' time; 2 per cent off if paid in ten days.

PRICES OF PAPER.

Wholesale quotations for Paper, per pound, in large lots, at Cincinnati, at the close of December, for two years:

KINDS.	1906	1905	KINDS.	1906	1905
Book, sized and supercalendered	4¼ @5	4¼ @4¾	Wrapping, rag	1½ @ 1½	1½ @ 1½
Book, sized and calendered.....	4¼ @4¾	4 @4½	Wrapping, straw	1½ @ 1½	1½ @ 1½
Book, No. 3	3½ @4	3¼ @3¾	Writing, fine	7 @ 9	6½ @ 8
Manilla, No. 1	3½ @3¾	3 @3½	Writing, superfine	11 @16	10 @15
Manilla, No. 2	2½ @2½	2 @2¼	Writing, manilla.....	3¼ @ 5	3¼ @ 4¾
News, print.....	2¼ @3	2¼ @3			

COTTON CROPS OF THE UNITED STATES.

Estimated yearly production of Cotton in the United States, as indicated:

YEARS.	Bales.	YEARS.	Bales.	YEARS.	Bales.
1876-77.....	4,485,423	1886-87.....	6,513,623	1896-97.....	8,714,011
1877-78.....	4,811,265	1887-88.....	7,017,707	1897-98.....	11,180,960
1878-79.....	5,078,581	1888-89.....	6,985,082	1898-99.....	11,235,383
1879-80.....	5,757,397	1889-90.....	7,313,726	1899-00.....	9,439,559
1880-81.....	6,589,329	1890-91.....	8,655,518	1900-01.....	10,425,141
1881-82.....	5,435,845	1891-92.....	9,088,707	1901-02.....	10,701,453
1882-83.....	6,992,234	1892-93.....	6,717,142	1902-03.....	10,758,326
1883-84.....	5,714,052	1893-94.....	7,527,211	1903-04.....	10,123,686
1884-85.....	5,669,021	1894-95.....	9,892,766	1904-05.....	13,556,841
1885-86.....	6,560,215	1895-96.....	7,162,473	1905-06.....	11,319,860

NOTE.—The above represents the estimates of the *Financial Chronicle*.

MONTHLY MOVEMENT OF COTTON.

Monthly receipts and shipments of Cotton, at Cincinnati, in bales, for years indicated:

MONTHS.	RECEIPTS, bales.					SHIPMENTS, bales.				
	1906	1905	1904	1903	1902	1906	1905	1904	1903	1902
January.....	21,774	20,794	26,576	14,356	41,080	19,696	18,892	26,777	13,810	38,601
February.....	15,612	9,826	24,346	12,369	16,669	13,641	7,710	21,667	7,589	20,152
March.....	14,127	14,276	13,218	10,230	27,276	10,028	10,796	15,234	8,596	24,540
April.....	11,417	18,101	4,270	8,385	14,568	8,247	14,935	3,559	5,444	13,913
May.....	10,082	12,316	4,024	6,139	6,154	10,895	11,238	3,561	6,004	7,569
June.....	6,992	11,678	3,802	3,376	4,007	7,072	8,258	2,807	4,125	4,139
July.....	2,997	7,074	2,088	1,410	5,354	1,487	5,658	1,622	1,271	4,706
August.....	2,253	4,624	2,947	720	4,452	1,428	4,910	2,474	793	4,245
September.....	5,694	6,018	3,120	1,897	4,091	1,294	3,867	2,512	1,595	8,967
October.....	8,402	13,152	11,426	5,485	16,518	7,022	11,859	10,700	4,679	14,437
November.....	20,620	26,824	21,788	13,383	20,841	19,191	21,056	19,753	13,200	21,038
December.....	26,484	31,323	31,215	25,767	18,859	28,468	30,065	31,089	24,028	18,390
Totals.....	146,454	176,006	148,320	103,517	179,819	123,469	149,299	141,755	91,134	175,737

PRICES OF COTTON.

Monthly range of prices of Middling Upland Cotton, per pound, at New York, spot, fractions stated decimally:

MONTHS.	1906	1905	1904	1903	1902	1901
January.....	11.35@12.25	7.00@ 7.35	13.10@16.25	8.85@ 9.05	8.19@8.44	9.87@12.00
February.....	10.80@11.45	7.35@ 8.15	13.50@16.50	9.00@10.25	8.25@8.81	9.25@10.00
March.....	10.95@11.80	7.75@ 8.30	14.00@16.65	9.90@10.45	8.87@9.19	8.06@ 9.19
April.....	11.55@11.90	7.55@ 8.15	13.75@15.00	9.90@10.75	9.00@9.87	8.19@ 8.56
May.....	11.45@12.00	7.85@ 8.85	12.75@13.90	10.75@12.15	9.37@9.75	8.06@ 8.31
June.....	10.80@11.30	8.40@10.15	10.85@12.40	11.50@13.35	9.25@9.44	8.25@ 8.94
July.....	10.80@11.00	10.00@11.40	10.60@11.25	11.60@13.50	8.94@9.37	8.06@ 8.87
August.....	9.80@10.90	10.50@11.35	10.45@11.65	12.75	8.87@9.00	8.00@ 8.62
September.....	9.60@10.00	10.65@11.10	10.60@11.30	11.25@13.00	8.87@9.12	8.19@ 8.62
October.....	10.25@11.40	9.85@10.75	9.90@10.60	9.50@10.60	8.57@8.94	8.19@ 8.56
November.....	10.10@11.40	10.90@12.00	9.30@10.25	10.50@11.65	8.30@8.65	7.81@ 8.00
December.....	10.45@11.25	11.65@12.60	6.85@ 9.00	11.95@14.10	8.50@8.90	8.00@ 8.56
Year.....	9.60@12.25	7.00@12.60	6.85@16.65	8.85@14.10	8.19@9.87	7.81@12.00

NOTE.—Fractions are represented as follows: $\frac{1}{8}$ as .06; $\frac{1}{4}$ as .12; $\frac{3}{8}$ as .19; $\frac{1}{2}$ as .25; $\frac{5}{8}$ as .31; $\frac{3}{4}$ as .37; $\frac{7}{8}$ as .44; $\frac{1}{2}$ as .50; $\frac{1}{4}$ as .56; $\frac{3}{8}$ as .62; $\frac{1}{2}$ as .69; $\frac{3}{4}$ as .75; $\frac{5}{8}$ as .81; $\frac{3}{4}$ as .87; $\frac{7}{8}$ as .94.

ANNUAL RECEIPTS AND SHIPMENTS OF COAL.

Annual receipts of Coal, in bushels, at Cincinnati, according to reports of gaugers, private returns, and records of the Chamber of Commerce:

YEARS.	PITTSBURGH. (By River)	KANAWHA. (By River)	OTHER KINDS. (By River)	KANAWHA. (By Rail)	OTHER KINDS. (By Rail)	ANTHRACITE. (By Rail)
1896.....	26,675,823	15,106,095	14,460	18,900,000	8,219,823	1,227,000
1896.....	36,696,759	22,015,133	130,217	13,800,000	5,876,000	1,171,000
1897.....	35,040,790	17,941,769	60,217	17,600,000	6,868,000	1,251,250
1898.....	41,271,142	19,949,098	95,590	19,080,000	6,934,000	948,125
1899.....	33,339,381	18,987,364	29,538	22,630,000	7,542,800	1,291,250
1900.....	19,066,472	24,586,857	917,206	21,255,000	7,086,000	437,500
1901.....	22,379,828	27,516,166	1,219,387	29,732,000	9,911,100	632,500
1902.....	37,506,783	21,035,945	1,487,315	28,779,000	15,497,800	293,750
1903.....	27,018,901	26,400,194	2,012,571	30,845,000	25,564,300	510,625
1904.....	22,528,563	21,158,513	130,707	40,490,000	33,128,000	748,000
1905.....	40,689,000	31,936,000	310,000	48,037,000	39,303,000	545,000
1906.....	31,118,000	23,651,000	1,970,000	64,034,000	52,392,000	792,000

Total annual receipts, by River and by Rail, and aggregate receipts, with total annual shipments, by River and by Rail, and aggregate shipments:

YEARS.	Receipts (By River)	Receipts. (By Rail)	Aggregate Receipts.	Shipments. (By River)	Shipments. (By Rail)	Aggregate Shipments.
1896.....	41,796,318	28,346,823	70,143,141	3,458,825	15,336,500	18,795,325
1896.....	58,842,109	29,847,000	79,689,109	2,784,324	12,150,000	14,934,324
1897.....	53,042,776	25,719,250	78,762,026	3,509,066	15,664,000	19,173,066
1898.....	61,815,830	26,962,925	88,778,755	1,786,379	14,921,400	16,707,779
1899.....	52,356,278	31,464,050	83,820,328	1,195,436	14,043,600	15,239,036
1900.....	44,570,385	28,778,500	73,348,885	2,811,771	11,780,850	14,592,621
1901.....	51,115,381	40,275,600	91,390,981	5,207,771	22,047,025	27,254,796
1902.....	60,080,043	44,570,550	104,650,593	6,113,597	30,524,150	36,637,747
1903.....	55,431,066	56,919,925	112,350,991	2,787,000	36,635,750	39,422,750
1904.....	43,817,783	74,366,000	118,183,783	3,448,000	41,228,000	44,676,000
1905.....	72,935,000	87,885,000	160,820,000	6,433,000	57,541,000	63,974,000
1906.....	56,739,000	117,218,000	173,957,000	5,833,000	98,212,000	99,045,000

Total annual receipts of Coal, at Cincinnati, in tons of 2,000 pounds:

1895.....	2,530,061	1898.....	3,181,827	1901.....	3,292,604	1904.....	4,257,613
1896.....	2,873,492	1899.....	3,022,697	1902.....	3,756,796	1905.....	5,791,000
1897.....	2,840,437	1900.....	2,642,315	1903.....	4,046,710	1906.....	6,265,000

NOTE.—Kanawha receipts of Coal, by Rail, are computed by percentage of total receipts by Rail, based on best available information.

Receipts of Coke in 1906, 5,502,000 bushels; locally manufactured, 8,000,000; shipments, 7,402,000 bushels.

PRODUCTION OF COAL.

Annual production of Coal in the United States, in tons of 2,240 pounds, according to investigations of EDWARD W. PARKER, U. S. Geological Survey:

KINDS.	1905	1904	1903	1902	1901	1900
Bituminous.....	281,481,000	248,803,000	252,455,000	232,252,000	201,631,000	189,567,000
Anthracite.....	69,339,000	65,318,000	66,613,000	37,024,000	60,242,000	51,221,000
Total, tons.....	350,820,000	314,121,000	319,068,000	269,276,000	261,873,000	240,788,000

PRICES OF PIG IRON.

Prices of the various kinds of Pig Iron, per ton, at Cincinnati, at the close of December, as indicated:

KINDS.	1906	1905	KINDS.	1906	1905
SOUTHERN COKE.			CHARCOAL.		
No. 1 Foundry.....	\$22 00@26 50	\$17 25@17 75	Hanging Rock No. 1.....	\$30 15@30 65	\$26 65@27 15
No. 2 Foundry.....	21 50@26 00	16 75@17 25	Jackson Co. Silvery No. 1..	29 15@30 15	21 15@21 65
No. 3 Foundry.....	21 00@25 50	16 25@16 75	CARWHEEL.		
Gray Forge.....	19 50@21 50	15 75@16 00	Standard Alabama Car-wheel	26 50@28 00	21 25@21 75
No. 1 Soft.....	22 00@26 50	17 25@17 75			
No. 2 Soft.....	21 50@26 00	16 75@17 25	Lake Superior Carwheel and Malleable.....	26 00@28 00	21 50@22 00
LAKE ORE COKE.					
No. 1 Lake Superior.....	24 65@27 15	19 15@19 65			
No. 2 Lake Superior.....	24 15@26 15	18 65@19 15			

ANNUAL PRICES OF PIG IRON.

Average annual prices of Pig Iron, per ton, at Cincinnati, for years indicated:

YEARS.	No. 1 hot-blast charcoal iron.	No. 1 stone coal iron.	No. 1 car-wheel iron.	YEARS.	No. 1 hot-blast charcoal iron.	No. 1 stone coal iron.	No. 1 car-wheel iron.
1883-84.....	\$23 48	\$20 40	\$28 46	1890-91.....	\$21 18	\$16 35	\$22 58
1884-85.....	20 93	17 33	26 41	1891-92.....	20 28	15 62	19 29
1885-86.....	20 46	17 98	25 50	1892.....	19 75	15 15	18 85
1886-87.....	22 95	20 54	28 81	1893.....	18 45	14 00	18 50
1887-88.....	22 64	18 98	25 07	1894.....	17 80	12 50	18 50
1888-89.....	21 47	16 97	23 25	1895.....	15 90	12 85	15 95
1889-90.....	21 69	17 65	23 47	1896.....	15 20	12 50	15 55

YEARS.	SOUTHERN COKE No. 2 Foundry.		LAKE ORE COKE No. 2 Foundry.		HANGING ROCK CHARCOAL No. 1.	
	Range.	Average.	Range.	Average.	Range.	Average.
1897.....	\$ 8 50@10 25	\$ 9 40	\$10 50@12 00	\$10 80	\$14 25@16 25	\$15 00
1898.....	9 25@10 25	9 65	10 25@10 75	10 50	14 00@15 50	14 95
1899.....	10 75@21 75	16 65	10 75@24 50	18 45	15 00@26 00	20 80
1900.....	12 50@21 25	17 45	13 50@24 50	18 50	20 00@27 00	21 70
1901.....	13 00@14 75	18 80	14 25@16 50	14 95	19 50@21 50	20 80
1902.....	14 25@27 25	20 30	16 25@26 60	22 50	20 50@37 00	30 05
1903.....	11 75@22 75	17 50	15 40@24 65	20 00	24 15@34 15	30 00
1904.....	11 75@16 75	18 10	13 15@17 65	14 15	22 15@24 65	22 70
1905.....	13 75@17 25	15 90	15 15@19 15	17 00	23 65@27 15	25 50
1906.....	16 25@26 50	18 40	17 40@26 15	19 75	26 65@32 15	27 45

SALES OF PIG IRON.

Annual sales of Pig Iron, at Cincinnati (including direct shipments), and approximate value of the same, in years ending December 31:

YEARS.	Tons Sold.	Value.	YEARS.	Tons Sold.	Value.
1893.....	845,000	\$14,154,000	1901.....	1,700,000	\$25,500,000
1894.....	735,000	9,555,000	1902.....	2,063,000	43,300,000
1895.....	985,000	13,297,000	1903.....	1,559,000	29,600,000
1896.....	835,000	10,437,000	1904.....	1,801,000	26,100,000
1897.....	945,000	10,867,000	1905.....	1,743,000	29,600,000
1898.....	1,033,000	11,879,000	1906.....	1,780,000	34,700,000
1899.....	1,658,000	29,844,000			
1900.....	1,084,000	20,054,000			

COMPARATIVE PRICES OF PIG IRON.

Approximate average price, monthly and yearly, of Pig Iron, per ton of 2,000 pounds, based on quotations at Cincinnati, for Strong No. 1 Hotblast Stone Coal and Coke Iron from 1887 to 1894, inclusive, and Southern Coke No. 2 Foundry Iron from 1895 to 1906, inclusive—the latter grade representing market value about \$2.00@2.25 per ton below that of the former grade:

MONTHS.	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896
January.....	\$21 25	\$20 50	\$17 50	\$19 50	\$16 00	\$16 00	\$14 50	\$13 75	\$9 25	\$11 50
February.....	22 25	19 50	17 00	19 50	16 00	15 75	14 50	13 00	9 25	11 25
March.....	22 25	19 50	17 00	19 50	16 25	15 50	14 25	12 75	9 00	11 00
April.....	22 00	18 50	17 00	17 25	16 25	15 25	13 25	12 50	9 00	10 25
May.....	21 00	17 75	16 25	16 75	16 25	15 25	13 25	12 25	9 50	10 50
June.....	20 25	16 75	16 25	16 75	16 25	15 25	13 75	12 25	10 50	10 50
July.....	20 25	16 25	16 25	16 75	16 25	15 00	13 75	12 25	11 50	10 00
August.....	20 50	16 25	16 25	16 75	16 25	15 00	13 75	12 25	11 50	9 75
September.....	21 25	18 00	16 25	16 75	16 25	14 75	13 50	12 25	12 50	9 50
October.....	21 00	17 75	16 75	17 00	16 25	14 75	13 50	12 25	12 75	9 75
November.....	21 00	17 75	17 50	17 00	16 25	14 75	13 50	12 25	12 75	10 25
December.....	21 00	17 75	19 00	16 50	16 00	14 75	13 25	12 25	12 25	10 25
Average.....	\$21 15	\$18 00	\$16 90	\$17 50	\$16 20	\$15 15	\$13 75	\$12 50	\$10 80	\$10 35

MONTHS.	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906
January.....	\$10 00	\$9 50	\$10 25	\$21 00	\$18 75	\$14 75	\$22 25	\$12 50	\$16 50	\$17 00
February.....	10 00	9 50	12 25	20 75	13 50	15 25	22 00	12 50	16 50	17 00
March.....	9 75	9 50	13 50	20 50	13 75	15 75	21 50	12 50	16 50	17 15
April.....	9 50	9 50	14 25	20 50	14 50	17 50	20 75	12 75	16 50	17 15
May.....	9 00	9 50	14 75	20 00	14 25	19 00	19 50	12 50	16 25	17 00
June.....	8 50	9 50	16 00	19 00	14 00	20 00	18 25	12 00	15 50	16 75
July.....	8 75	9 50	17 50	17 50	13 50	21 25	16 50	12 00	14 25	16 50
August.....	9 00	9 50	18 50	15 50	13 25	22 50	15 50	12 00	14 50	17 75
September.....	9 25	9 75	19 25	14 00	13 50	24 50	15 00	12 25	15 00	19 00
October.....	9 75	9 75	21 25	13 25	13 50	25 00	13 50	13 50	15 75	19 75
November.....	9 50	10 00	21 00	13 50	14 00	25 00	12 25	15 50	16 75	22 25
December.....	9 50	10 00	21 00	14 00	14 50	23 25	12 25	16 50	17 00	23 75
Average.....	\$9 40	\$9 65	\$16 65	\$17 45	\$13 80	\$20 30	\$17 50	\$13 10	\$15 90	\$18 40

MONTHLY PRICES OF PIG IRON.

Range of monthly prices of Southern Coke, Lake Ore Coke and Hanging Rock Charcoal Pig Iron, per ton, at Cincinnati, in years indicated:

MONTHS.	SOUTHERN COKE No. 2 FOUNDRY.		LAKE ORE COKE No. 2 FOUNDRY.		HANGING ROCK CHARCOAL No. 1.	
	1906	1905	1906	1905	1906	1905
January.....	\$16 75@17 25	\$16 25@16 75	\$18 65@19 15	\$17 15@17 65	\$26 65@27 15	\$23 65@26 65
February.....	16 75@17 25	16 25@16 75	18 65@19 15	17 15@17 65	26 65@27 15	23 65@26 65
March.....	16 75@17 25	16 25@16 75	18 15@19 15	17 15@17 65	26 65@27 15	23 65@26 65
April.....	16 75@17 50	16 25@16 75	17 40@18 65	17 15@17 65	26 65@27 15	23 65@26 65
May.....	16 75@17 25	15 75@16 75	17 40@17 65	16 90@17 65	26 65@27 15	23 65@26 65
June.....	16 25@17 00	14 50@16 25	17 40@17 65	16 15@17 15	26 65@27 15	23 65@26 65
July.....	16 25@16 75	13 75@14 75	17 40@18 40	15 15@16 15	26 65@27 15	23 65@26 65
August.....	16 50@19 00	14 25@14 75	18 15@19 65	15 15@15 40	26 65@27 15	23 65@26 65
September.....	18 00@20 00	14 50@15 25	19 15@21 15	15 40@16 15	26 65@27 15	23 65@26 65
October.....	18 00@21 50	14 75@16 75	19 65@23 15	15 90@17 65	26 65@28 15	23 65@27 15
November.....	19 50@25 00	16 25@17 25	21 65@26 15	17 15@19 15	27 15@30 65	26 65@27 15
December.....	21 00@26 50	16 75@17 25	24 15@26 15	18 65@19 15	30 15@32 15	26 65@27 15

MONTHLY MOVEMENT OF WHISKY.

Monthly receipts and shipments of Whisky, at Cincinnati, representing barrels, as indicated:

MONTHS.	RECEIPTS.			SHIPMENTS.		
	1906	1905	1904	1906	1905	1904
January.....	18,419	17,702	19,968	34,976	30,086	32,905
February.....	18,800	15,729	22,149	31,373	29,609	32,890
March.....	20,721	19,507	28,473	37,670	31,493	36,838
April.....	18,619	17,119	19,668	33,750	29,068	33,342
May.....	17,026	17,188	21,328	37,998	32,763	31,802
June.....	14,804	15,394	16,851	30,145	30,934	31,824
July.....	14,824	14,460	15,457	28,635	27,365	27,257
August.....	15,631	16,708	16,143	27,193	32,829	32,040
September.....	16,334	19,621	20,792	30,568	36,416	42,141
October.....	20,229	18,664	22,868	30,062	37,223	40,637
November.....	21,926	20,381	23,277	40,408	40,369	41,369
December.....	22,292	24,424	25,627	42,929	47,154	45,167

YEARLY RECEIPTS AND SHIPMENTS OF WHISKY.

Receipts and shipments of Whisky, from all sources, at Cincinnati, for calendar years indicated:

YEARS.	Receipts, bbls.	Shipm'ts, bbls.	YEARS.	Receipts, bbls.	Shipm'ts, bbls.	YEARS.	Receipts, bbls.	Shipm'ts, bbls.
1896.....	245,394	368,100	1899.....	269,618	403,223	1908.....	241,945	423,547
1896.....	236,596	342,285	1900.....	370,531	505,321	1904.....	247,591	428,342
1897.....	213,767	356,178	1901.....	422,942	586,998	1905.....	217,392	405,310
1898.....	238,060	359,733	1902.....	389,604	567,549	1906.....	219,625	405,707

MOVEMENT AND SALES OF PIG IRON.

Receipts and shipments of Pig Iron, at Cincinnati, in tons of 2,000 pounds, for calendar years from 1892, and commercial years previously; also tons sold by local dealers for shipment direct from sources of supply to destination points:

YEARS.	Receipts, Tons.	Shipm'ts, Tons.	Direct Shipm'ts, Tons.	YEARS.	Receipts, Tons.	Shipm'ts, Tons.	Direct Shipm'ts, Tons.
1896-87.....	266,005	203,186	401,768	1897.....	377,508	276,905	567,988
1887-88.....	239,536	160,084	433,222	1898.....	463,911	344,317	568,719
1888-89.....	322,993	201,026	417,690	1899.....	615,288	523,927	1,043,177
1889-90.....	395,640	295,022	424,440	1900.....	458,203	364,644	626,220
1890-91.....	497,350	368,859	451,078	1901.....	603,918	520,792	1,096,452
1892.....	521,730	398,446	581,848	1902.....	743,595	691,877	1,319,807
1893.....	359,882	299,150	449,168	1903.....	602,140	514,717	967,507
1894.....	302,405	198,057	433,165	1904.....	592,422	446,738	1,208,849
1895.....	493,604	378,031	493,362	1905.....	588,297	383,975	1,155,126
1896.....	343,360	276,153	494,380	1906.....	620,539	471,412	.....

PRODUCTION OF DISTILLED AND RECTIFIED SPIRITS.

Production of Distilled Spirits and Rectified Spirits, representing proof gallons, at Cincinnati and immediate vicinity (Covington, Newport, etc.):

YEARS.	DISTILLED SPIRITS.			RECTIFIED SPIRITS.		
	CINCINNATI.	VICINITY.	TOTAL.	CINCINNATI.	VICINITY.	TOTAL.
1895.....	6,444,678	2,482,688	8,877,816	7,681,119	1,990,353	9,671,478
1896.....	5,970,506	2,327,058	8,297,568	7,906,319	1,995,499	9,903,818
1897.....	8,826,065	263,150	9,089,236	6,736,078	1,911,804	8,647,882
1898.....	7,722,872	1,965,896	9,688,770	7,050,876	1,987,723	9,038,600
1899.....	7,701,790	1,765,026	9,466,817	8,402,669	2,045,594	10,448,264
1900.....	6,228,753	1,066,130	7,294,884	9,817,826	2,015,352	11,833,179
1901.....	7,884,081	1,641,984	9,476,015	11,196,313	2,186,191	13,382,504
1902.....	7,921,087	1,088,527	9,009,614	13,085,329	2,099,301	15,184,631
1903.....	8,797,858	2,459,753	11,257,611	13,394,175	2,157,487	15,551,662
1904.....	8,991,869	2,300,000	11,291,369	13,495,997	2,140,494	15,636,491
1905.....	7,018,397	1,158,674	8,177,071	13,537,680	2,192,385	15,730,015
1906.....	9,542,736	1,378,630	10,921,366	14,137,002	1,245,598	15,382,595

PRICES OF SPIRITS.

Changes in basis price of Spirits, per proof gallon, at Cincinnati, in 1906, and previously, as indicated:

July 23, 1901...\$1 29	September 4, 1902...\$1 32	December 1, 1903...\$1 27	June 16, 1905...\$1 27
August 10, 1901... 1 30	December 23, 1902... 1 31	March 3, 1904... 1 28	August 9, 1905... 1 28
November 8, 1901... 1 31	January 7, 1903... 1 30	September 26, 1904... 1 26½	August 30, 1905... 1 29
November 27, 1901... 1 32	August 7, 1903... 1 29	October 21, 1904... 1 25	September 26, 1905... 1 30
January 29, 1902... 1 31	August 21, 1903... 1 23	October 25, 1904... 1 24	January 3, 1906... 1 29
March 1, 1902... 1 30	October 6, 1903... 1 24	January 9, 1905... 1 23	February 15, 1906... 1 28
July 15, 1902... 1 31	October 12, 1903... 1 25	May 10, 1905... 1 26	May 3, 1906... 1 29

Average annual prices of Spirits, per proof gallon, at Cincinnati, as indicated:

1895.....\$1 22.50	1898.....\$1 22.93	1901.....\$1 23.58	1904.....\$1 26.95
1896..... 1 20.50	1899..... 1 25.04	1902..... 1 31.00	1905..... 1 26.44
1897..... 1 18.87	1900..... 1 24.82	1903..... 1 23.06	1906..... 1 23.80

YEARLY PRODUCTION AND RECEIPTS OF WHISKY.

Aggregate yearly production and receipts of Whisky, at Cincinnati, stated in gallons, and value of the same, for years indicated:

YEARS.	Made and Received.	Total Value.	YEARS.	Made and Received.	Total Value.
1895.....	20,656,228	\$25,598,000	1901.....	29,777,231	\$37,553,000
1896.....	19,654,171	24,194,000	1902.....	27,710,606	35,179,000
1897.....	19,350,052	23,630,000	1903.....	22,870,971	28,926,000
1898.....	21,115,650	26,194,000	1904.....	23,175,737	29,195,000
1899.....	22,408,240	28,014,000	1905.....	18,611,887	23,382,000
1900.....	25,080,370	31,337,000	1906.....	21,463,366	27,242,000

MOVEMENT OF TOBACCO.

Yearly movement of Leaf and Manufactured Tobacco, at Cincinnati:

YEARS.	RECEIPTS.			SHIPMENTS.		
	Leaf, hhds.	Leaf, cases.	Manufactured, packages.	Leaf, hhds.	Leaf, cases.	Manufactured, packages.
1895.....	112,033	30,268	123,327	100,781	10,212	149,948
1896.....	84,223	28,349	139,562	86,678	7,671	148,690
1897.....	99,168	32,566	155,065	89,690	10,004	153,339
1898.....	70,706	34,187	110,469	72,239	9,413	118,115
1899.....	90,615	31,906	136,636	79,389	36,942	235,179
1900.....	72,104	68,828	226,149	70,966	25,987	274,508
1901.....	78,901	60,620	237,515	75,847	36,813	265,392
1902.....	81,075	52,740	236,829	82,908	32,434	267,068
1903.....	67,467	35,704	168,438	64,801	51,040	216,108
1904.....	60,719	42,755	107,219	56,865	23,104	152,535
1905.....	77,537	64,031	160,187	58,752	28,522	243,736
1906.....	72,379	62,366	145,371	59,763	50,984	215,531

NOTE.—Leaf Tobacco in bales, included with cases.

MANUFACTURE OF TOBACCO AND CIGARS.

Quantity of Chewing and Smoking Tobacco, representing pounds, and number of Cigars, manufactured yearly, at Cincinnati, and at Covington and Newport:

YEARS.	CHEWING AND SMOKING TOBACCO.			PRODUCTION OF CIGARS.		
	CINCINNATI.	COVINGTON AND NEWPORT.	TOTAL LBS.	CINCINNATI.	COVINGTON AND NEWPORT.	TOTAL NO.
1895.....	2,633,053	1,636,243	4,269,296	162,376,180	6,127,963	168,504,143
1896.....	3,819,434	1,119,044	4,938,478	163,380,910	5,955,140	169,336,050
1897.....	4,566,648	1,276,066	5,842,714	169,176,780	6,763,040	175,939,820
1898.....	5,481,082	1,634,352	7,115,384	227,903,051	8,465,645	236,368,696
1899.....	7,354,194	1,688,936	9,043,130	239,772,893	8,552,088	239,324,981
1900.....	8,232,465	2,637,267	10,869,732	236,576,100	9,692,833	236,268,933
1901.....	8,803,509	2,589,456	11,392,965	273,355,450	9,345,762	282,701,212
1902.....	5,160,795	2,414,382	7,575,177	260,148,790	10,854,713	271,003,503
1903.....	6,471,730	2,500,561	8,972,291	247,410,590	12,843,490	260,254,070
1904.....	7,709,368	2,541,051	10,250,419	171,258,700	11,112,613	182,371,313
1905.....	8,635,463	2,827,022	11,462,485	168,951,180	12,273,170	181,224,300
1906.....	7,538,078	3,174,879	10,712,957	177,830,850	10,588,143	188,418,993

MOVEMENT OF MANUFACTURED IRON AND STEEL.

Receipts and shipments of Manufactured Iron and Steel, at Cincinnati:

YEARS.	Receipts, Tons.	Shipments, Tons.	YEARS.	Receipts, Tons.	Shipments, Tons.
1885-86.....	137,203	104,311	1896.....	127,028	97,486
1886-87.....	155,885	139,393	1897.....	177,291	138,342
1887-88.....	150,747	124,736	1898.....	176,249	147,110
1888-89.....	147,964	123,681	1899.....	261,716	225,151
1889-90.....	192,971	161,915	1900.....	248,820	183,751
1890-91.....	174,512	164,262	1901.....	363,110	276,515
1891-92.....	193,777	177,777	1902.....	422,651	321,290
1892.....	190,216	174,693	1903.....	355,988	351,671
1893.....	134,029	109,868	1904.....	299,044	242,732
1894.....	121,229	89,123	1905.....	445,147	356,672
1895.....	174,194	127,174	1906.....	523,692	459,148

LEAF TOBACCO TRADE.

Total annual receipts, offerings, rejections and sales of Leaf Tobacco, at the Cincinnati warehouses, for calendar years indicated:

YEARS.	RECEIPTS.		OFFERINGS.		REJECTIONS.		SALES.	
	Hhds.	Cases.	Hhds.	Cases.	Hhds.	Cases.	Hhds.	Cases.
1895.....	80,508	2,487	108,198	8,609	80,517	1,488	72,681	2,176
1896.....	68,045	1,084	98,408	1,781	28,042	591	70,336	1,190
1897.....	80,586	970	105,069	1,280	28,288	240	81,781	990
1898.....	56,205	780	68,408	1,050	15,976	806	52,427	744
1899.....	68,665	7,887	79,475	10,480	14,764	2,490	64,711	7,940
1900.....	56,070	*.....	70,925	*.....	16,284	*.....	51,641	*.....
1901.....	60,318	*.....	67,090	*.....	12,158	*.....	54,932	*.....
1902.....	51,688	8,296	63,910	4,426	12,865	1,067	51,045	8,339
1903.....	52,098	4,807	65,898	5,922	11,609	1,796	54,284	4,186
1904.....	21,022	*.....	28,626	*.....	3,566	*.....	20,060	*.....
1905.....	45,419	*.....	51,617	*.....	11,402	*.....	40,215	*.....
1906.....	55,380	*.....	70,355	*.....	14,691	*.....	55,664	*.....

* Not reported.

Stock of Leaf Tobacco in Cincinnati warehouses on January 1:

PACKAGES.	1907	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897
Hogsheads.....	8,955	9,080	6,288	8,781	10,084	12,287	9,891	10,858	7,887	13,496	15,769
Cases.....	*.....	*.....	*.....	750	900	*.....	*.....	1,200	138	91	206

* Not reported.

BANK CLEARINGS.

Monthly Clearings at the Cincinnati Clearing House, representing actual exchanges brought to the Clearing House:

MONTHS.	1906	1905	1904	1903	1902	1901
January.....	\$123,096,400	\$108,623,400	\$ 99,719,750	\$106,972,000	\$90,542,650	\$89,116,100
February.....	99,010,700	88,901,450	90,291,300	88,958,950	79,026,200	77,616,600
March.....	109,381,550	101,831,200	97,173,800	96,270,000	85,943,250	79,040,550
April.....	109,622,350	104,196,100	97,065,500	98,535,200	90,268,000	82,710,250
May.....	109,265,650	101,282,400	96,291,800	98,581,550	84,877,650	86,810,750
June.....	107,883,900	102,343,400	114,767,700	106,463,700	97,279,350	87,407,300
July.....	112,370,100	101,895,950	113,647,050	101,992,100	97,766,950	81,817,800
August.....	104,187,250	91,165,550	105,042,850	88,784,700	82,494,550	73,768,500
September.....	97,190,450	89,428,200	100,769,650	86,064,400	91,880,500	70,483,400
October.....	115,511,500	108,041,500	98,681,500	95,318,800	93,680,450	80,101,900
November.....	111,478,200	100,652,200	99,262,100	92,265,450	90,747,100	81,972,900
December.....	111,487,550	111,219,200	110,102,350	94,500,750	96,926,850	81,656,400
Totals.....	\$1,310,435,600	\$1,204,529,550	\$1,222,815,350	\$1,154,647,600	\$1,080,902,000	\$972,502,450

The following shows yearly totals of Bank Clearings at Cincinnati:

YEARS.	TOTALS.	YEARS.	TOTALS.	YEARS.	TOTALS.
1892.....	\$750,789,000	1897.....	\$626,786,000	1902.....	\$1,080,902,000
1893.....	642,369,000	1898.....	646,154,000	1903.....	1,154,647,000
1894.....	643,441,000	1899.....	748,490,000	1904.....	1,222,815,000
1895.....	651,284,000	1900.....	795,598,000	1905.....	1,204,529,000
1896.....	585,954,000	1901.....	972,502,000	1906.....	1,310,435,000

PRODUCTION AND PRICES OF BEER, ETC.

Annual production of Malt Liquors, representing barrels, in Cincinnati, Ohio, and Covington, Newport, etc., Kentucky, for commercial years ending August 31, to 1891-92, and calendar years subsequently :

YEARS.	CINCINNATI.	COVINGTON, ETC.	TOTALS.	YEARS.	CINCINNATI.	COVINGTON, ETC.	TOTALS.
1887-88.....	1,080,176	86,228	1,166,404	1897.....	1,172,907	138,600.	1,311,507
1888-89.....	1,034,593	86,330	1,120,923	1898.....	1,158,155	159,000	1,317,155
1889-90.....	1,187,208	100,570	1,287,778	1899.....	1,101,700	142,300	1,244,000
1890-91.....	1,263,778	115,890	1,379,668	1900.....	1,161,139	176,205	1,337,344
1891-92.....	1,229,255	121,610	1,350,865	1901.....	1,123,581	169,312	1,292,893
1892.....	1,249,260	125,070	1,374,330	1902.....	1,196,449	189,135	1,385,584
1893.....	1,198,736	123,590	1,322,326	1903.....	1,194,167	237,270	1,431,437
1894.....	1,131,002	129,010	1,260,012	1904.....	1,298,755	202,445	1,501,200
1895.....	1,198,618	139,810	1,338,328	1905.....	1,419,099	246,482	1,665,568
1896.....	1,179,771	136,220	1,315,991	1906.....	1,511,701	267,435	1,779,136

The tax on Beer was \$1.60 per barrel, less 7½ per cent, July 1, 1901, to July 1, 1902, then changed to \$1 00.

Relative prices of Ale, Beer and Porter, per barrel, at Cincinnati, at the close of December, in years indicated :

ARTICLES.	1906	1905	1904	1903	1902	1901
Ale.....	\$7 00@8 00	\$7 00@8 00	\$7 00@8 00	\$7 00@8 00	\$7 00@8 00	\$7 00@8 00
Beer, Lager.....	6 30	6 30	6 30	6 30	6 30	6 30
Porter.....	7 00@8 00	7 00@8 00	7 00@8 00	7 00@8 00	7 00@8 00	7 00@8 00

EXPORTS OF DOMESTIC PRODUCTS.

Exports of indicated domestic products from the United States, by quantities for years ending June 30:

ARTICLES.	1905-06.	1904-05.	1903-04.	1902-03.	1901-02.
Cotton, pounds.....	3,634,045,170	4,304,848,903	3,063,192,760	3,543,043,022	3,500,778,768
Wheat, bushels.....	94,973,291	4,394,402	44,230,169	114,181,420	154,856,102
Flour, barrels.....	13,919,948	8,826,335	16,999,432	19,716,634	17,759,208
Wheat and flour, bushels.....	97,609,007	44,112,910	120,727,613	202,906,273	234,772,515
Corn, bushels.....	117,718,657	88,807,223	55,858,965	74,833,237	26,636,552
Oats, bushels.....	46,324,935	5,479,308	1,153,714	4,613,809	9,971,139
Bacon, lbs.....	361,210,563	262,246,635	249,665,941	207,336,000	383,150,624
Hams, lbs.....	194,267,949	203,458,724	194,948,864	214,183,365	227,653,282
Pork, salted, lbs.....	141,820,720	118,867,189	112,225,176	95,287,374	115,896,275
Pork, fresh, lbs.....	13,444,438	14,946,284	18,633,820	20,966,113	44,171,674
Pork, canned, lbs.....	12,699,300	10,254,239	9,479,312	13,590,897	9,608,882
Meats, total, lbs.....	723,443,470	609,793,071	584,953,113	551,363,749	780,475,687
Lard, lbs.....	741,516,386	610,238,899	561,302,643	490,755,821	556,840,222
Hog product, lbs.....	1,464,960,356	1,220,031,970	1,146,255,756	1,042,119,570	1,346,919,791
Beef, fresh, lbs.....	268,054,227	236,845,360	299,579,671	254,795,963	301,824,478
Beef, salted, lbs.....	81,088,098	55,583,905	57,584,710	52,801,220	48,632,727
Beef, canned, lbs.....	64,523,359	67,088,568	57,468,338	76,307,114	66,645,838
Cattle, number.....	584,249	567,806	593,409	402,178	392,884
Hogs, number.....	59,170	44,496	6,345	4,031	8,368
Sheep, number.....	142,690	268,365	301,313	176,961	358,720
Tallow, lbs.....	97,567,156	63,536,992	76,924,174	27,368,924	34,665,758
Butter, lbs.....	27,360,537	10,071,487	10,717,824	8,896,166	16,002,169
Cheese, lbs.....	16,562,451	10,134,424	23,335,172	18,987,178	27,203,184
Oleomargarine, lbs.....	11,794,174	7,921,588	6,137,251	7,645,652	5,721,254
Oleo, oil, lbs.....	209,638,075	145,228,245	165,183,839	126,010,339	138,546,088
Lard compounds, lbs.....	67,021,310	61,219,813	53,603,545	46,130,004	36,201,744

RIVER COMMERCE.

Receipts and shipments of Merchandise, by river, at Cincinnati, for two years, each year ending December 31, as indicated:

ARTICLES	RECEIPTS.		SHIPMENTS.	
	1906	1905	1906	1905
Ale, Beer and Porter, bbls.....	108	67	8,714	9,528
Apples, Green, bbls.....	16,101	15,242	2,597	3,004
Beef, lbs.....	.....	.....	.....	.....
Boots and Shoes, cases.....	1,874	1,831	13,410	12,944
Butter, tubs, etc.....	4,612	3,941	440	440
Butterine, lbs.....	2,180	200	116,450	56,630
Castings, tons.....	977	558	858	231
Cattle, head.....	7,268	6,927	1,868	916
Cement and Plaster, bbls.....	730	914	6,468	3,591
Cheese, boxes.....	824	188	6,417	7,615
Coffee, bags.....	148	826	10,235	10,079
Cooperage, pieces.....	37,121	29,754	17,010	11,083
Corn, bush.....	30,572	35,659	6,065	8,042
Cotton, bales.....	2,349	1,853	878	127
Crockery, pkgs.....	12,882	14,527	4,478	2,846
Eggs, cases, etc.....	33,959	22,118	2,624	3,151
Feathers, lbs.....	85,910	26,773	4,125	3,800
Flour, bbls.....	8,691	6,136	6,215	6,668
Fresh Meats, lbs.....	.....	1,300	29,950	11,400
Fruit, Dried, lbs.....	159,410	207,458	144,000	98,000
Furniture, pkgs.....	.....	.....	22,105	17,723
Glass, Window, boxes.....	980	1,520	8,864	1,872
Glassware, pkgs.....	50,842	52,726	58,809	87,092
Hardware, pkgs.....	23,354	15,240	88,322	30,845
Hay, tons.....	1,884	3,199	174	189
Hides, number.....	22,075	21,705	6,590	3,628
Hog Product—Bacon, lbs.....	7,624	16,540	442,866	524,215
D. S. Meats, loose, lbs.....	.....	.....	49,960	40,900
D. S. Meats, in boxes, lbs.....	6,000	65,000	875,500	1,056,500
Hams, lbs.....	1,250	41,070	226,445	329,310
Lard, lbs.....	54,220	85,950	1,188,083	1,000,037
Pork, bbls.....	8	57	269	108
Hogs, head.....	57,683	44,696	433	331
Horses, head.....	2,678	2,127	2,144	1,884
Iron and Steel, tons.....	897	2,846	1,465	1,509
Iron and Steel, Scrap, tons.....	228	87	4	.....
Iron, Pig, tons.....	10	1	.....	.....
Leather, bundles.....	4,630	3,685	2,958	2,170
Lumber, square feet.....	8,615,000	9,315,000	135,000	75,000
Manufactures, sundry, pieces.....	.....	.....	12,362	5,228
Merchandise, tons.....	27,161	42,326	17,570	16,656
Molasses, bbls.....	336	183	251	431
Nails, kegs.....	12,792	7,560	11,156	5,399
Oats, bush.....	612	7,577	14,516	9,969
Oil, bbls.....	892	1,484	7,343	5,394
Petroleum, bbls.....	62	206	1,177	979
Potatoes, bush.....	28,615	30,222	18,637	18,025
Rice, bbls.....	9	20	545	588
Rye, bush.....	6,909	34,885	2,790	2,760
Salt, bbls.....	19,469	20,555	8,998	7,576
Seed—Clover and Timothy, bags.....	14,766	612	5,413	4,577
Sheep, head.....	12,642	11,720	898	661
Sugar, hhds.....	.....	.....	.....	.....
Sugar, bbls.....	832	23	4,299	3,698
Tobacco, Leaf, hhds.....	24,777	14,907	7,226	4,186
Tobacco, Leaf, cases and bales.....	43	45	139	48
Tobacco, Manufactured, pkgs.....	690	430	2,513	2,158
Wheat, bush.....	36,068	54,104	9,064	8,258
Whisky, bbls.....	15,554	18,720	16,047	13,914
Wines and Liquors, bbls.....	307	81	810	1,266
Wines and Liquors, boxes and baskets.....	26,385	11,791	15,024	11,437
Wool, bales.....	568	399	522	608

STAGES OF THE OHIO RIVER.

Highest, lowest and average Stages of the Ohio River, at Cincinnati, each year indicated, with the highest Stage during the floods of 1832 and 1847:

CALENDAR YEARS.	HIGHEST STAGE.		LOWEST STAGE.		AVERAGE FOR THE YEAR.
	DATE.	Feet. Inch.	DATE.	Feet. Inch.	Feet. Inch.
1832.....	February 18.....	64 3	.....	.....	.....
1847.....	December 17.....	68 7	.....	.....	.....
1867.....	March 14.....	55 8	October 19.....	3	17
1868.....	March 30.....	48 3	July 21.....	5 1	18 8
1869.....	April 2.....	48 9	August 21.....	5 4	19 8
1870.....	January 19.....	55 3	October 4.....	3 10	17 10
1871.....	May 13.....	40 6	October 12.....	2 8	11 10
1872.....	April 13.....	41 9	October 14.....	3	11 8
1873.....	December 13.....	44 5	October 12.....	3 8	18 5
1874.....	January 11.....	47 11	September 22.....	2 4	15 8
1875.....	August 6.....	55 4	September 19.....	4 3	18 9
1876.....	January 29.....	51 9	September 4.....	6 2	18 2
1877.....	January 20.....	53 9	October 9.....	3 3	15
1878.....	December 15.....	41 4	October 24.....	4 4	16 9
1879.....	December 27.....	42 9	October 23.....	2 6	14 6
1880.....	February 17.....	53 2	October 23.....	3 9	17
1881.....	February 16.....	50 7	September 18.....	1 11	16 11
1882.....	February 21.....	58 7	November 1.....	6 1	22 1½
1883.....	February 15.....	66 4	September 21.....	3 7	19 5½
1884.....	February 14.....	71 ¾	September 21.....	2 9	17 4
1885.....	January 20.....	46	September 26.....	2 6	15 7
1886.....	April 9.....	55 9	November 1.....	3 4	17 10
1887.....	February 5.....	56 3	September 23.....	2 8	15 1½
1888.....	April 1.....	39 11	August 7.....	5 3	17 11
1889.....	February 22.....	38 3	September 18.....	5 3	18 6
1890.....	March 25.....	59 2	August 30.....	5 9	25 8
1891.....	February 25.....	57 4	October 7.....	4 5	20 6
1892.....	April 25.....	43 8	November 5.....	3 5	16 6
1893.....	February 20.....	54 11	August 30.....	3 7	17 8
1894.....	February 15.....	35 6	September 14.....	3 1	12 9
1895.....	January 14.....	43 4	October 23.....	2 8	12 2
1896.....	April 4.....	47 8	September 25.....	5 5	16 7
1897.....	February 25.....	61 2	October 13.....	3 1	16 5
1898.....	March 29.....	61 4	October 6.....	4 5	19 7
1899.....	March 8.....	57 4	November 2.....	3 4	17 1
1900.....	December 1.....	40	October 20, 21, 22.....	3 2	13 8
1901.....	April 27.....	59 7	November 11, 12, 13, 15, 19, 20.....	4 2	17 6
1902.....	March 5.....	50 9	September 24, 25.....	3 9	16 8
1903.....	March 5.....	53 1	Oct. 5, Nov. 11 to 16.....	4 1	17 9
1904.....	March 9.....	45 9	October 6, 7.....	3 3	14 5
1905.....	May 16.....	48 2	October 11.....	6 5	18 2
1906.....	April 2.....	50 4	September 22.....	7 1	17 5

Yearly averages prepared from the Stages as shown by the Water-works marks daily at 6 A. M. and 6 P. M. since 1881; the previous years having been made from one daily observation, at 6 A. M.

From 1894 the Stages represent feet and tenths of feet.

RAINFALL IN THE OHIO VALLEY.

Annual Rainfall at various points in the Ohio Valley, prepared from reports of the U. S. Weather Bureau, in inches and hundredths of an inch:

POINTS.	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906
Pittsburgh.....	27.50	44.35	35.08	35.76	33.85	25.73	40.76	32.22	38.81	33.76	35.19	31.29
Cincinnati.....	29.33	34.48	43.89	38.97	34.69	27.78	17.99	37.30	34.69	29.54	33.69	40.83
Louisville.....	38.86	48.22	43.96	51.00	37.36	38.04	29.53	41.65	33.69	29.25	49.34	42.06
Cairo.....	38.57	39.36	44.10	48.66	42.42	36.89	31.68	33.07	32.91	32.00	39.48	46.92
Columbus, O.....	30.74	40.53	41.15	41.81	28.45	30.30	26.53	34.23	28.14	31.48	35.13	33.70
Indianapolis.....	33.54	39.84	42.15	44.10	36.87	38.45	30.33	37.70	32.46	45.42	33.27	37.47
Chattanooga.....	46.36	37.77	45.29	40.47	54.18	46.78	53.44	32.90	45.17	32.68	45.68	47.58
Memphis.....	38.59	35.00	46.03	48.58	38.99	47.42	34.59	50.32	36.17	42.56	55.85	54.31
Nashville.....	42.33	40.21	44.03	50.02	44.44	43.54	38.11	43.90	43.03	37.26	47.12	49.48

RANGE IN WATER STAGES AT CINCINNATI.

Low and high Stages of water in the Ohio River, at Cincinnati, from daily official records at 6 o'clock, A. M., for each month in the years indicated, as compiled by the Cincinnati Chamber of Commerce:

MONTH.	1906		1905		1904		1903		1902		1901		1900		1899		1897		1896	
	Low.	High	Low.	High	Low.	High	Low.	High	Low.	High	Low.	High	Low.	High	Low.	High	Low.	High	Low.	High
January.....	17.2	35.0	9.4	24.0	10.7	43.6	14.7	37.0	8.3	44.0	9.6	28.8	7.3	31.8	19.0	41.8	12.8	52.2	9.3	17.8
February.....	9.5	26.1	8.6	23.7	13.0	30.2	23.2	49.4	8.4	41.7	9.3	20.9	11.2	37.3	11.5	39.0	12.3	36.9	10.1	51.1
March.....	15.3	44.8	13.2	46.1	19.7	40.9	26.2	53.1	16.4	50.9	23.6	36.4	19.4	38.8	24.2	57.2	15.0	61.4	30.2	56.6
April.....	16.1	50.2	14.0	31.3	14.8	44.3	22.8	44.4	14.4	42.2	23.9	59.7	13.9	23.0	14.4	51.6	16.5	56.5	13.1	36.2
May.....	8.3	21.3	12.9	46.2	10.7	48.9	7.6	23.0	9.0	19.0	10.9	61.2	9.3	18.0	11.7	23.9	16.9	22.0	12.0	36.0
June.....	9.1	16.8	11.9	24.2	9.7	35.8	10.3	17.7	8.0	22.0	17.7	40.0	6.4	18.3	11.0	13.7	8.1	13.8	3.0	20.7
July.....	7.3	15.6	12.8	21.0	7.1	22.3	9.3	17.1	12.6	27.3	7.4	23.5	7.4	13.3	6.8	11.0	6.2	11.0	7.1	24.8
August.....	9.0	20.2	9.2	19.0	5.4	7.3	5.0	9.1	5.8	15.9	5.3	12.7	4.9	14.3	4.0	19.5	11.2	39.2	7.5	16.0
September.....	7.1	18.6	6.8	14.2	3.7	6.8	5.1	14.3	3.9	3.7	7.3	14.0	3.5	17.7	3.8	7.0	6.9	10.8	3.2	7.1
October.....	10.2	19.9	6.8	20.0	3.5	4.9	4.5	11.7	4.4	12.3	4.3	16.9	3.7	23.0	3.5	5.3	4.3	24.8	3.0	13.5
November.....	8.2	33.9	10.2	20.6	3.7	5.5	4.5	16.5	4.9	13.5	11.4	11.4	7.6	40.0	3.4	25.0	10.3	23.8	3.2	13.5
December.....	11.0	38.3	16.0	40.0	3.4	11.3	5.8	22.3	13.2	47.0	11.1	38.5	7.6	40.0	6.3	25.0	10.4	31.9	12.0	26.5
Year.....	7.1	50.2	6.5	48.2	3.3	45.9	4.5	53.1	3.9	50.9	4.2	59.7	3.2	40.0	3.4	57.2	4.5	61.4	3.0	61.1
																				5.5
																				47.7

ARRIVALS AND DEPARTURES OF STEAMERS.

Monthly arrivals and departures of Freight and Passenger Steamers, at Cincinnati, with comparisons for three years, as indicated:

MONTHS.	ARRIVED FROM											
	MEMPHIS AND NEW ORLEANS.			PITTSBURGH AND WHEELING.			OTHER POINTS.			TOTALS.		
	1906	1905	1904	1906	1905	1904	1906	1905	1904	1906	1905	1904
January.....	4	2	..	8	2	..	108	40	2	120	44	2
February.....	4	..	..	4	..	1	93	..	26	101	..	27
March.....	4	2	2	12	4	10	142	121	114	158	127	126
April.....	5	6	6	12	9	18	124	142	115	141	157	184
May.....	4	4	4	13	10	15	148	146	187	165	160	156
June.....	4	4	5	7	12	14	189	182	185	150	148	154
July.....	1	4	4	1	18	15	140	188	147	142	150	166
August.....	..	2	..	1	12	..	144	188	151	145	152	151
September.....	..	..	..	..	2	..	126	182	183	126	184	183
October.....	..	..	..	7	1	..	123	129	119	180	180	119
November.....	2	3	..	12	10	..	124	124	127	188	187	127
December.....	1	4	..	9	9	..	113	125	41	123	188	41
Totals.....	29	31	21	86	84	68	1,524	1,862	1,247	1,639	1,477	1,836

MONTHS.	DEPARTED FOR											
	MEMPHIS AND NEW ORLEANS.			PITTSBURGH AND WHEELING.			OTHER POINTS.			TOTALS.		
	1906	1905	1904	1906	1905	1904	1906	1905	1904	1906	1905	1904
January.....	4	..	..	10	4	..	109	89	..	123	43	..
February.....	4	..	1	4	..	..	93	..	82	101	..	83
March.....	4	4	2	11	5	11	142	125	118	157	184	181
April.....	3	5	5	12	11	18	125	143	114	140	159	182
May.....	5	4	4	14	10	13	146	145	188	165	159	155
June.....	4	3	4	5	11	15	188	181	187	147	145	156
July.....	1	5	5	..	18	12	140	183	145	141	151	162
August.....	..	2	1	2	12	1	143	186	150	145	150	152
September.....	..	..	..	..	..	..	125	129	180	125	129	180
October.....	..	..	..	8	2	..	123	180	120	151	187	120
November.....	1	8	..	10	9	..	124	125	126	185	187	126
December.....	2	4	..	10	10	2	112	125	42	124	189	44
Totals.....	28	30	22	86	87	67	1,520	1,861	1,252	1,634	1,478	1,841

Annual arrivals and departures of Steamers, at Cincinnati, for years indicated:

YEARS.	Arrivals.	Departures.	YEARS.	Arrivals.	Departures.	YEARS.	Arrivals.	Departures.
1871-72.....	2,271	2,235	1883-84.....	2,170	2,162	1895.....	1,028	988
1872-73.....	2,340	2,333	1884-85.....	2,137	2,138	1896.....	1,124	1,042
1873-74.....	2,506	2,600	1885-86.....	2,489	2,483	1897.....	950	948
1874-75.....	2,602	2,665	1886-87.....	2,272	2,281	1898.....	1,398	1,391
1875-76.....	2,779	2,808	1887-88.....	2,113	2,115	1899.....	1,686	1,612
1876-77.....	2,646	2,653	1888-89.....	2,521	2,522	1900.....	1,491	1,502
1877-78.....	2,942	2,942	1889-90.....	2,257	2,252	1901.....	1,885	1,925
1878-79.....	2,725	2,730	1890-91.....	2,234	2,234	1902.....	1,724	1,739
1879-80.....	3,168	3,167	1891-92.....	2,185	2,186	1903.....	1,533	1,522
1880-81.....	2,638	2,638	1892.....	2,052	2,062	1904.....	1,336	1,341
1881-82.....	2,739	2,736	1893.....	1,891	1,894	1905.....	1,477	1,478
1882-83.....	2,840	2,829	1894.....	1,667	1,694	1906.....	1,639	1,634

DAILY STAGES OF WATER FOR TWELVE MONTHS ENDING DECEMBER 31, 1906.

In the Ohio River at Cincinnati, daily, in feet and tenths, at 6:00 a. m.; and in the Ohio at Pittsburgh and Point Pleasant; the Kanawha at Charleston; daily, except Sunday, about 7:00 a. m.

1906	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
JANUARY.																															
Pittsburgh ..	8.7	7.2	5.9	7.4	13.2	11.3	9.1	7.2	5.8	4.2	3.3	3.5	3.7	4.5	6.1	7.8	7.8	7.7	7.5	7.8	6.8	6.6	9.3	18.4	16.0	11.8	9.4	7.7	6.6	5.8	5.1
Charleston ..	6.4	6.8	7.1	8.7	10.7	7.8	6.5	5.9	5.5	5.1	4.6	5.2	7.2	8.5	7.8	7.4	7.0	6.5	6.1	5.9	5.6	11.0	27.8	21.4	12.3	8.8	7.9	8.4	8.2	7.7	
Pt. Pleasant ..	11.2	13.8	14.2	17.2	21.0	22.8	23.7	22.6	19.5	15.8	12.5	10.4	10.0	13.1	16.4	18.2	18.9	18.4	17.6	16.5	15.2	14.7	14.2	23.7	29.1	29.7	28.0	24.1	20.5	17.9	15.7
Cincinnati...	19.7	17.9	17.2	23.0	28.9	29.9	30.4	30.6	31.7	28.8	25.5	23.7	21.7	19.0	19.5	24.0	30.6	31.2	29.9	28.5	26.8	24.8	25.0	24.0	23.2	27.8	33.6	35.0	33.1	30.6	28.4
FEBRUARY.																															
Pittsburgh ..	4.6	4.3	3.4	2.7	2.5	2.3	2.0	1.7	1.5	1.5	1.5	1.4	1.5	1.5	1.9	1.8	1.8	1.8	1.9	1.9	1.9	2.3	3.5	4.9	4.6	4.7	4.4	4.3			
Charleston ..	7.0	6.8	6.8	5.8	5.5	5.2	4.5	4.7	4.4	4.2	3.8	3.8	4.0	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	7.0	7.0	7.6	7.6	7.1				
Pt. Pleasant ..	13.8	12.2	11.2	10.0	8.7	7.7	6.7	6.2	5.9	5.5	5.2	5.9	4.3	4.2	4.6	5.0	4.8	4.5	5.0	4.6	4.8	5.5	7.7	8.5	8.8	9.2	10.0	10.2			
Cincinnati...	28.1	24.0	21.8	20.0	17.4	16.8	16.0	14.7	13.6	13.2	9.4	11.2	10.6	10.4	10.0	9.9	9.7	9.5	10.1	10.3	10.6	10.6	10.9	12.1	13.4	14.7	15.6	15.7			
MARCH.																															
Pittsburgh ..	3.1	2.7	2.8	...	6.8	7.0	5.9	5.0	4.7	4.5	4.2	4.2	4.0	4.2	4.2	8.6	10.7	...	5.3	7.8	10.7	8.3	6.0	4.8	4.3	4.3	6.3	13.1	16.8	14.2	15.6
Charleston ..	7.2	7.2	7.7	7.8	7.8	7.8	6.7	6.4	5.6	5.6	5.2	5.1	4.7	6.2	10.5	5.8	14.0	8.4	8.7	9.0	10.6	9.0	7.7	5.9	7.0	7.1	7.3	19.6	11.5	11.6	11.0
Pt. Pleasant ..	9.7	9.7	10.6	11.9	11.5	12.2	12.9	13.5	12.9	11.6	10.5	9.9	9.4	9.8	13.4	21.0	23.6	20.5	19.6	22.0	25.4	21.8	20.3	18.7	16.0	15.0	14.8	16.4	23.3	30.7	34.8
Cincinnati...	15.8	15.9	20.9	25.0	25.0	24.0	22.5	21.3	20.7	20.9	20.4	18.8	17.9	17.1	18.4	21.5	26.6	30.9	31.4	32.8	33.2	34.7	33.9	32.6	29.2	27.9	31.6	33.5	32.3	35.2	44.8
APRIL.																															
Pittsburgh ..	18.3	14.7	11.7	9.8	8.5	8.8	10.7	10.4	9.9	9.3	12.3	12.3	10.5	8.7	8.0	11.3	11.5	9.2	7.6	6.5	5.6	5.2	4.8	4.7	4.7	4.5	12.4	11.4	7.4	5.4	
Charleston ..	12.0	11.8	8.6	7.4	6.7	6.4	7.8	8.1	7.5	7.6	7.5	7.4	6.8	6.2	6.4	13.4	11.8	9.6	7.5	6.7	6.7	5.8	5.6	5.4	5.2	5.0	5.1	5.4	5.6	5.3	
Pt. Pleasant ..	36.5	37.3	36.3	33.2	28.2	23.0	19.7	19.0	19.4	19.5	19.0	19.2	20.7	21.1	20.6	21.8	22.5	21.5	21.0	18.9	16.1	13.8	12.3	11.0	10.2	9.5	11.0	13.9	13.5	16.7	
Cincinnati...	48.8	50.2	49.8	47.6	46.5	42.8	38.3	33.7	30.3	28.5	27.9	27.4	27.2	27.3	26.5	29.9	28.9	27.6	29.7	29.0	28.0	26.4	24.0	21.7	19.9	19.0	17.9	17.3	16.1	16.5	
MAY.																															
Pittsburgh ..	4.3	3.6	3.9	4.7	5.3	5.2	5.0	4.8	4.2	3.8	3.8	3.8	3.8	3.5	3.3	3.0	2.8	4.4	4.8	5.6	6.2	5.8	5.8	6.2	6.0	6.0	...	6.3	6.0	6.6	
Charleston ..	5.2	4.9	7.0	7.0	7.9	6.5	6.7	7.1	6.8	6.5	...	...	5.7	5.2	4.7	4.4	4.4	4.4	7.2	7.2	6.7	6.8	7.1	6.9	6.9	6.9	6.9	7.0	7.4	7.8	
Pt. Pleasant ..	15.3	12.3	10.2	9.6	9.8	10.0	10.3	11.0	11.7	11.1	10.2	9.2	8.4	7.8	7.3	7.0	6.1	5.7	5.5	5.8	5.6	5.2	4.9	4.9	4.9	4.7	4.8	4.1	4.0	4.2	4.8
Cincinnati...	19.7	21.3	21.2	19.5	18.6	16.7	15.3	16.3	16.5	16.4	19.4	18.7	17.5	16.3	15.3	14.4	13.5	13.3	12.5	11.3	10.6	10.4	10.5	10.4	9.9	9.9	9.5	9.4	9.8	9.3	9.4
JUNE.																															
Pittsburgh ..	6.4	6.2	6.3	7.8	6.7	5.8	5.6	12.3	7.6	6.4	4.5	3.7	5.3	5.4	5.6	6.0	6.0	5.8	6.2	6.0	6.3	6.3	5.8	7.4	5.9	5.5	5.0	6.3	6.5	6.2	
Charleston ..	7.2	7.7	7.3	7.2	7.1	6.9	7.5	8.2	7.6	7.2	7.3	6.6	6.6	6.2	7.1	7.3	7.6	7.1	7.7	...	8.0	7.2	7.6	7.3	7.3	6.8	6.7	7.3	8.3	7.1	
Pt. Pleasant ..	4.8	6.7	7.2	6.7	6.1	5.0	6.5	9.7	9.1	9.2	12.9	11.4	8.9	...	...	6.5	6.7	6.3	5.9	5.4	5.2	6.4	6.6	6.3	5.5	5.0	6.6	7.4	6.8	6.0	5.4
Cincinnati...	9.3	9.4	9.1	13.5	14.2	13.2	13.4	13.2	11.5	11.7	14.2	14.4	16.4	16.8	15.5	14.2	13.2	11.9	11.3	11.0	10.8	10.7	11.0	11.4	11.5	11.9	12.1	11.6	12.6	12.7	

* River Frozen.

DAILY STAGES OF WATER—Continued.

	1906	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
JULY.																																
Pittsburgh...	6.1	5.6	6.4	5.9	5.6	5.7	5.8	5.7	5.4	5.4	5.3	5.8	5.7	5.8	5.8	5.8	6.3	5.9	5.3	5.3	5.7	6.3	5.1	5.7	6.2	6.3	5.5	6.2	6.4	6.4	6.3	
Charleston...	6.6	6.6	...	...	6.4	6.6	6.8	6.8	7.0	7.0	7.0	6.8	7.0	7.0	7.0	6.7	7.6	7.6	7.6	7.6	6.9	7.2	7.2	7.2	7.4	7.1	7.2	7.4	7.3	7.4	7.4
Ft. Pleasant...	4.6	4.2	4.0	3.8	3.5	3.3	3.3	3.6	3.5	3.0	3.0	3.0	3.0	2.9	2.9	2.6	1.7	4.0	5.4	6.5	6.7	6.2	6.4	7.0	6.2	6.8	6.3	4.6	4.6	4.6	4.8	
Cincinnati...	12.0	10.9	10.0	9.5	8.9	8.5	8.2	8.7	8.6	8.3	8.3	8.5	8.0	7.7	7.8	7.5	7.3	7.3	8.1	9.1	10.1	10.5	12.9	15.6	14.7	14.3	13.7	13.5	12.7	11.2	11.0	
AUGUST.																																
Pittsburgh...	5.8	5.8	5.3	5.9	6.3	6.4	6.3	6.9	7.6	8.0	9.5	7.9	5.6	4.4	3.6	5.3	6.3	5.6	6.5	5.9	5.3	8.1	5.8	4.4	4.1	3.7	6.6	6.2	5.9	6.0	6.1	
Charleston...	7.8	7.4	7.3	7.1	7.3	7.5	7.8	7.8	6.9	7.1	7.7	7.5	7.4	7.9	7.8	8.0	7.6	9.7	7.5	7.1	6.1	5.9	6.0	6.0	6.0	6.2	5.9	6.5	6.0	6.2	11.2	
Ft. Pleasant...	5.3	5.4	4.7	4.4	4.1	4.0	3.8	3.9	4.0	5.3	7.1	11.1	14.0	14.4	13.3	11.2	10.9	10.7	10.0	8.8	9.2	8.7	10.7	12.1	12.4	11.5	10.2	8.8	7.7	7.2	9.0	
Cincinnati...	11.0	10.9	10.5	10.3	10.4	10.0	9.6	9.3	9.0	9.0	9.8	10.4	11.2	14.6	18.3	19.9	20.2	20.1	18.9	17.6	16.6	17.0	16.6	16.6	16.2	17.8	18.6	18.9	17.0	15.6	14.2	
SEPTEMBER.																																
Pittsburgh...	6.2	6.5	6.2	6.3	6.3	6.3	6.5	6.2	6.3	5.7	5.5	5.9	6.4	6.2	6.4	6.2	6.4	6.2	5.9	6.0	6.6	5.3	6.0	5.9	6.2	5.9	6.0	6.0	5.8	5.9	5.9	
Charleston...	8.3	8.3	8.1	8.2	8.2	8.2	8.0	8.0	7.6	6.6	6.0	5.8	5.3	5.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	
Ft. Pleasant...	10.0	7.8	6.7	6.0	6.2	6.2	5.5	5.1	4.9	4.6	4.1	3.4	2.8	3.2	3.2	3.3	3.0	3.1	2.5	2.5	2.7	3.0	3.3	3.5	4.0	4.4	4.3	3.8	3.0	2.6	2.6	
Cincinnati...	13.1	13.0	12.6	12.7	12.5	12.5	12.5	12.7	12.5	11.9	11.2	10.2	10.0	9.1	8.3	7.5	7.2	7.3	7.3	7.3	7.3	7.6	7.1	7.2	7.8	8.3	8.2	8.6	8.9	9.1	10.0	
OCTOBER.																																
Pittsburgh...	5.8	6.0	6.4	6.5	6.3	6.3	6.5	5.9	6.7	7.2	6.5	6.2	6.3	5.8	5.5	6.6	6.4	5.6	4.8	5.7	6.5	8.8	7.9	6.9	5.7	4.7	5.8	6.8	6.3	6.5	7.3	
Charleston...	7.7	7.1	6.5	6.3	6.5	6.0	5.7	5.4	5.1	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	
Ft. Pleasant...	5.0	5.0	5.6	5.4	5.7	7.3	8.5	8.2	8.7	8.5	8.7	9.2	9.2	...	8.1	7.7	7.0	6.6	6.2	7.5	15.0	15.7	13.3	11.8	11.2	9.9	8.7	7.7	7.1	6.9	7.1	
Cincinnati...	10.2	10.6	11.4	11.2	10.6	10.5	10.8	11.3	12.9	13.5	13.8	13.8	13.8	14.0	14.2	13.9	13.4	12.8	12.3	11.7	11.2	11.3	16.3	19.5	18.3	17.3	16.5	15.5	14.4	13.2	12.4	
NOVEMBER.																																
Pittsburgh...	7.6	7.6	7.0	6.3	5.5	5.0	6.4	6.4	5.8	5.3	...	5.4	5.4	5.4	6.3	4.5	5.3	5.7	6.5	7.6	12.4	11.3	9.8	7.6	6.0	4.8	4.3	3.7	3.3	3.0	3.0	
Charleston...	4.8	4.7	4.8	6.4	7.5	7.1	7.1	7.1	7.2	7.2	7.0	7.0	7.4	7.4	7.0	7.0	7.4	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	
Ft. Pleasant...	7.1	7.0	7.2	7.3	7.0	6.8	6.3	6.3	6.2	4.8	6.2	4.2	4.4	4.4	4.1	4.1	4.1	4.5	6.4	13.0	26.0	24.6	22.8	21.8	19.0	16.3	13.6	11.3	9.3	8.7	8.7	
Cincinnati...	11.7	11.6	11.6	11.5	11.5	11.5	11.5	11.5	11.2	10.8	10.0	9.4	9.3	9.3	8.5	8.5	8.2	8.6	8.9	10.5	20.5	36.0	35.5	32.2	30.5	28.9	26.5	23.6	20.3	18.3	18.3	
DECEMBER.																																
Pittsburgh...	3.2	4.1	5.8	5.1	5.2	5.0	7.0	12.1	10.5	8.9	10.1	17.4	13.7	10.3	8.8	8.1	10.8	12.4	15.0	11.0	8.3	7.1	6.7	5.7	4.4	3.5	2.6	2.0	6.0	10.4	10.2	10.2
Charleston...	4.9	4.8	4.8	4.9	7.0	7.1	7.2	7.4	7.5	7.5	8.0	9.0	7.5	6.1	5.3	5.6	5.5	17.2	15.8	10.7	7.3	7.3	6.7	6.4	6.0	5.5	5.0	5.4	9.2	10.0	9.5	
Ft. Pleasant...	7.8	7.2	7.8	6.5	6.0	5.5	6.2	7.5	11.3	13.2	13.3	22.1	22.1	22.1	22.1	19.6	18.4	26.3	30.3	28.4	28.2	26.5	24.6	21.8	18.0	12.9	10.1	9.0	11.6	16.6	17.6	
Cincinnati...	16.2	15.0	13.9	13.0	12.5	11.8	11.6	11.2	11.0	12.6	13.0	23.5	25.5	27.5	23.5	30.3	31.3	33.2	33.3	33.7	33.8	37.2	34.3	31.0	27.9	23.4	22.3	20.0	13.0	13.5	24.6	

RAINFALL AT CINCINNATI.

Monthly and annual Rainfall, at Cincinnati, together with the average in the whole period, in inches and hundredths of an inch :

YEARS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1845	3.03	1.66	5.46	1.08	1.89	11.50	3.06	6.88	7.51	2.08	1.68	.60	46.88
1846	3.59	3.20	2.28	3.51	5.17	7.58	3.98	6.10	2.50	2.19	4.28	9.25	58.49
1847	4.71	4.06	5.37	2.12	4.90	7.68	8.25	3.20	3.87	9.57	3.96	9.15	65.18
1848	4.58	2.81	6.72	.55	5.13	1.96	6.95	3.90	1.58	8.62	2.60	9.43	49.68
1849	6.48	2.04	4.70	8.65	3.61	4.90	8.90	4.41	2.68	8.86	2.42	5.32	52.97
1850	5.20	6.28	6.62	4.27	1.86	5.00	6.80	7.20	2.22	1.05	2.54	6.22	54.76
1851	.65	6.15	8.04	1.80	8.80	2.10	3.25	2.55	.45	2.60	3.25	3.37	32.49
1852	2.08	5.20	5.16	5.80	3.15	5.25	2.05	4.85	4.15	2.75	4.57	9.89	54.35
1853	1.53	5.14	2.14	7.70	2.21	1.90	4.81	2.16	4.70	8.78	3.80	.73	40.10
1854	4.10	5.57	8.38	2.97	7.29	4.84	2.32	3.18	2.12	3.01	8.66	3.88	50.77
1855	3.71	1.58	3.66	3.05	5.24	8.10	4.35	4.25	2.98	1.31	5.22	2.28	46.73
1856	1.00	2.49	1.51	.73	1.23	2.24	3.43	.61	3.62	1.74	2.09	2.19	22.88
1857	.64	1.98	.76	2.73	5.53	3.09	2.50	2.92	.75	4.92	5.86	8.82	34.90
1858	2.56	1.74	1.05	4.34	8.32	6.69	8.01	7.97	.85	4.66	2.57	6.41	49.17
1859	2.58	5.92	4.38	7.58	2.32	3.22	1.24	3.79	2.10	1.28	4.46	8.75	42.57
1860	1.43	1.56	.41	5.32	8.68	1.55	7.97	.92	4.34	1.28	3.53	1.86	38.84
1861	2.68	1.81	2.08	3.88	5.91	3.80	8.62	7.10	2.94	3.77	8.62	1.10	42.31
1862	4.74	2.38	5.84	6.30	3.32	3.02	3.05	1.49	.98	.80	3.97	3.01	38.88
1863	5.55	3.05	4.37	2.13	2.84	3.11	3.21	2.99	3.10	3.85	2.05	3.80	40.05
1864	1.85	.99	.90	2.43	2.34	3.48	1.25	3.42	8.64	2.92	3.40	2.94	34.51
1865	2.45	2.43	4.40	3.89	7.72	2.59	7.77	2.26	5.76	.86	.56	3.89	44.68
1866	3.86	1.10	5.22	2.49	.98	4.43	7.82	6.31	10.07	1.88	1.57	1.72	46.90
1867	1.27	5.32	1.93	3.20	4.48	3.67	2.08	1.13	.65	3.10	1.66	8.66	32.10
1868	7.29	.88	5.41	3.30	6.01	7.26	1.80	6.65	8.21	1.10	1.16	1.64	50.71
1869	2.17	3.05	5.14	3.05	5.93	3.00	5.36	1.20	3.20	2.75	3.16	8.50	41.51
1870	6.20	2.98	4.00	1.42	1.90	5.35	5.56	1.10	.70	3.28	1.40	2.85	36.19
1871	2.48	5.10	4.30	1.30	5.45	2.15	4.75	6.90	1.28	1.10	4.28	3.27	42.31
1872	6.05	1.66	1.47	4.81	4.10	3.81	7.82	2.21	1.62	3.38	1.12	2.43	40.43
1873	2.66	3.76	2.36	2.89	3.50	3.58	3.94	4.69	2.24	2.79	2.50	6.47	41.38
1874	3.95	5.91	3.65	4.06	1.88	2.58	3.42	1.03	2.33	1.31	5.35	2.58	37.55
1875	1.59	1.83	3.69	2.12	3.92	4.38	9.68	3.17	.65	3.05	4.35	3.75	42.58
1876	9.59	2.92	5.07	3.26	1.25	6.67	6.91	6.88	3.17	4.26	2.36	.88	52.72
1877	2.33	.67	5.47	2.32	1.76	5.24	4.25	2.26	1.66	1.85	3.49	3.35	34.65
1878	4.38	2.33	4.03	3.05	2.53	5.03	4.32	4.11	2.84	2.39	2.77	8.39	41.62
1879	2.20	2.22	5.30	2.14	4.23	5.22	2.75	11.72	4.01	.65	4.06	7.11	51.60
1880	5.14	4.50	4.15	5.82	5.70	9.96	2.46	4.01	1.37	2.98	4.42	2.66	54.67
1881	3.76	4.95	3.51	3.25	2.23	7.82	3.12	.76	2.10	6.01	4.06	5.67	47.24
1882	6.02	7.04	6.17	2.71	8.47	4.34	2.91	5.75	3.16	1.59	1.57	2.39	52.12
1883	2.82	8.22	3.48	3.72	5.49	3.61	2.21	2.10	1.84	3.39	4.87	5.61	52.36
1884	2.21	8.57	2.63	3.02	5.56	2.77	1.73	2.05	3.87	1.35	1.23	3.99	39.29
1885	5.80	2.67	.56	3.34	2.07	3.98	1.40	4.95	2.72	2.30	2.33	1.82	33.94
1886	2.33	1.65	2.27	2.23	4.11	5.26	3.07	2.91	1.30	.82	3.23	1.67	31.35
1887	2.37	7.29	2.07	5.86	3.62	2.64	1.31	2.31	1.93	.55	2.33	1.80	35.08
1888	2.78	1.37	3.94	1.14	2.70	1.75	2.46	7.80	1.79	3.05	4.78	1.32	34.88
1889	2.38	1.72	.61	1.21	2.52	4.03	4.55	.26	4.31	2.03	5.28	2.02	30.92
1890	5.28	4.63	6.26	2.63	3.58	6.00	1.46	5.91	3.28	4.14	2.65	1.88	47.70
1891	3.31	3.37	4.86	1.55	1.08	4.33	5.13	2.33	2.65	1.16	5.03	2.14	38.44
1892	1.62	2.33	1.96	5.66	3.95	3.31	1.43	3.03	3.78	.40	2.26	1.22	31.95
1893	2.37	4.34	1.93	7.10	6.40	4.45	3.79	.86	3.90	3.17	2.04	2.65	44.00
1894	2.75	3.78	2.36	1.60	2.32	4.17	.13	1.98	2.46	.82	.98	3.23	26.58
1895	6.13	.37	1.51	2.62	1.32	2.15	2.27	3.29	.49	.73	4.66	3.29	29.33
1896	1.49	1.56	3.20	.59	2.17	2.70	7.40	3.70	5.00	2.29	3.29	1.09	34.43
1897	2.43	5.27	9.89	3.08	2.46	1.87	6.71	1.91	.64	.46	6.80	2.32	43.89
1898	7.76	2.21	6.70	1.15	3.03	1.58	3.26	2.61	2.62	2.90	2.69	2.46	38.97
1899	3.32	2.04	5.94	1.21	4.33	3.27	1.58	3.65	2.13	1.64	2.60	2.98	34.69
1900	2.54	2.22	1.75	1.43	3.94	1.01	3.48	4.17	.28	1.45	4.50	1.01	27.73
1901	.37	1.35	2.01	1.93	1.62	2.27	1.44	.88	.92	.59	.74	3.37	17.99
1902	2.10	.38	1.47	2.37	5.54	5.25	3.47	.65	4.26	2.77	3.29	5.25	37.30
1903	2.05	5.76	4.97	3.49	3.83	3.27	2.31	2.75	1.78	1.31	1.45	1.72	34.69
1904	2.66	2.66	3.17	2.28	3.70	2.60	.80	.41	1.23	.89	.34	3.75	29.54
1905	1.80	1.76	2.46	3.14	9.52	2.36	1.04	4.66	1.54	4.85	2.75	2.81	38.69
1906	3.25	1.68	6.08	1.20	1.10	5.62	6.60	3.78	3.90	1.06	3.04	3.57	40.33
Avg. 1835-1850.	3.60	3.13	3.79	3.37	4.32	5.41	4.69	4.64	3.12	3.49	3.43	4.35	47.84
Avg. 1835-1860.	2.99	3.36	3.50	3.69	4.60	4.79	4.23	4.11	2.92	3.20	3.58	4.16	45.13
Avg. 1835-1870.	3.20	3.09	3.62	3.56	4.47	4.56	4.21	3.90	3.34	2.98	3.21	3.78	43.92
Avg. 1835-1880.	3.38	3.10	3.69	3.47	4.23	4.63	4.39	4.07	3.07	2.85	3.26	3.73	43.92
Avg. 1835-1890.	3.43	3.41	3.59	3.37	4.20	4.56	4.03	3.97	2.99	2.83	3.27	3.61	43.31
Avg. 1835-1900.	3.43	3.33	3.66	3.26	4.04	4.32	3.95	3.79	2.90	2.67	3.30	3.40	42.05
Avg. 1835-1905.	3.32	3.26	3.67	3.22	4.09	4.24	3.80	3.66	2.84	2.63	3.19	3.40	41.32

WEATHER SUMMARY.

A very full history of the weather conditions, at Cincinnati, is shown in the accompanying exhibits, covering a wide range of observations, (thermometrical, barometrical, etc.,) prepared especially for the Chamber of Commerce, by Mr. JOHN CRAIG, Observer U. S. Weather Bureau, from data collected by the Government at this station, and furnished by Mr. S. S. BASSLER, Local Forecaster:

METEOROLOGICAL DATA FOR THE YEAR ENDING DECEMBER 31, 1906.

TEMPERATURE.

Mean temperature of the year, 55 degrees.
Maximum temperature of the year, June 29th, 94 degrees.
Minimum temperature of the year, February 6th, zero.
Range of temperature, 94 degrees.
Mean of the coldest month, February, 31 degrees.
Mean of the coldest day, February 6th, 8 degrees.
Mean of the warmest month, August, 78.4 degrees.
Mean of the warmest day, 85 degrees: June 29th.
Greatest monthly range, January and February, 68 degrees.
Least monthly range, July, 30 degrees.
Greatest daily range, November 21st, 35 degrees.
Least daily range, September 19th and December 11th, 4 degrees.
Mean temperature of autumn, 58 degrees.
Mean temperature of winter, 35 degrees.
Mean temperature of spring, 52 degrees.
Mean temperature of summer, 76 degrees.

BAROMETRIC OBSERVATIONS.

Mean barometer for the year, 30.06 inches.
Highest barometer for the year, February 10th, 30.69 inches.
Lowest barometer for the year, January 3rd, 29.38 inches.
Annual range of the barometer for the year, 0.788 inch.
Highest monthly mean barometer, February, 30.27 inches.
Lowest monthly mean barometer, June, 29.92 inches.
Greatest monthly range of barometer, January, 1.23 inches.
Least monthly range of barometer, August, 0.36 inch.

WINDS.

Prevailing direction of wind, northeast.
Total movement of wind, 60,225 miles.
Greatest monthly movement of wind, March, 6,948 miles.
Least monthly movement of wind, August, 3,677 miles.
Greatest daily velocity of wind, January 16th, 480 miles.
Least daily velocity of wind, November 5th, 31 miles.

RAIN.

Total rainfall for year, 40.88 inches.
 Total rainfall for autumn, 8.00 inches.
 Total rainfall for winter, 7.74 inches.
 Total rainfall for spring, 8.23 inches.
 Total rainfall for summer, 16.00 inches

HUMIDITY

Mean relative humidity for the year, 68 per cent.
 Driest months, April and May, 58 per cent.
 Dampest month, December, 77 per cent.

GENERAL OBSERVATIONS.

The first frost of the year—killing occurred October 11th.
 First killing frost of autumn, October 11th.
 First snow of autumn, October 28th.
 First thunderstorm of calendar year, January 15th; last, September 24th.
 Last snow of spring, May 9th.
 Last frost of spring, May 11th.
 Total snowfall for the year, 32.8 inches.

MONTHLY CHARACTERISTICS.

January, 1906.—Month unusually mild, with considerable cloudiness. The mean temperature, 38.2 degrees, was 5.7 degrees in excess of normal. The maximum temperature, 75 degrees, was the highest recorded for January since the establishment of the Weather Bureau Station in 1871. The lowest temperature, 7 degrees, was recorded on the 9th. Monthly precipitation, 3.25 inches, or 0.21 inches below normal. The total snowfall was 6.1 inches. Number of clear days, 8; partly cloudy days, 6; cloudy days, 17. Prevailing wind, southeast. Maximum velocity of the wind 41 miles per hour from the southwest on the 15th. Solar halos observed on the 26th, and lunar halos on the 1st and 30th. The first thunderstorm of the year occurred on the 15th. Sunshine, 85 per cent of possible.

February, 1906.—The mean temperature, 30.9 degrees, was 5.5 degrees below the normal. Maximum temperature, 68 degrees, on the 23d; lowest temperature, zero, on the 6th; the coldest weather of the month occurred from the 5th to the 8th inclusive. Rain or snow fell on 9 days, the total precipitation being 1.68 inches, or 2.01 inches below a seasonable average. Total snowfall, 9.2 inches. Prevailing wind, northwest. Maximum velocity of the wind, 25 miles, from the southwest on the 24th. Number of clear days, 12; partly cloudy, 7; cloudy, 9. Solar halos were observed on the 23d and 25th. A thunderstorm occurred on the 24th. Sunshine, 62 per cent of possible.

March, 1906.—Month cold and stormy, with the heaviest snowfall of the winter. The mean temperature, 34.8 degrees, was 7.4 degrees below the normal. The highest temperature, 66 degrees, occurred on the 26th; the lowest, 18 degrees, occurred on the 17th. Rain or snow fell on 16 days, the monthly precipitation being 6.08 inches, or 2.73 inches above normal. The total snowfall was 11.5 inches. Number of clear days, 3; partly cloudy, 6; cloudy, 22. Prevailing wind, northeast. No thunderstorms occurred during month. A solar halo was observed on the 1st, and lunar halos on the 6th and 9th. Maximum velocity of the wind, 31 miles per hour, from the southwest on the 4th. Sunshine, 28 per cent of possible.

April, 1906.—Weather warm and dry. The mean temperature, 57.3 degrees, was 2.7 degrees above normal. Highest temperature, 86 degrees, on the 13th; lowest, 28 degrees, on the 1st. Greatest daily range of temperature, 33 degrees, on the 7th; least daily range, 6 degrees, on the 15th. The rainfall, 1.20 inches, was 2.00 inches below normal. Number of clear days, 11; partly cloudy, 10; cloudy, 9. Prevailing direction of the wind, northwest. Maximum velocity of the wind, 36 miles, from the west on the 9th. Thunderstorms occurred on the 18th, 26th and 30th. Sunshine, 70 per cent of possible.

May, 1906.—A dry and pleasant month. The mean temperature, 65.4 degrees, was 0.7 degrees in excess of normal. Highest temperature, 89 degrees, on the 18th; lowest temperature, 37 degrees, on the 9th. Greatest daily range of temperature, 29 degrees, on the 17th; least daily range, 10 degrees, on the 26th. The monthly precipitation, 1.10 inches, was 2.31 inches below a seasonable average. Thunderstorms occurred on the 2d, 4th,

11th, 19th, 22d and 27th. Light frost occurred on the 10th; heavy on the 7th and 11th. A trace of snow fell on the 9th. Solar halos were observed on the 2d and 25th, and a lunar halo on the 1st. Prevailing direction of the wind, southwest. Maximum velocity of the wind, 36 miles, from southwest on the 2d. Sunshine, 70 per cent of possible.

June, 1906.—The mean temperature, 73.4 degrees, was about normal. Highest temperature, 94 degrees, on the 29th; lowest, 51 degrees, on the 12th. Greatest daily range of temperature, 28 degrees, on the 12th; least daily range of temperature, 7 degrees, on the 18th. The monthly rainfall, 5.82 inches, was 1.22 inches in excess of normal. Excessive rains fell on the 4th, 5th, 25th and 26th. The greatest amount of rainfall in twenty-four consecutive hours, 2.29 inches, on the 25th and 26th. Thunderstorms occurred on the 4th, 5th, 6th, 8th, 15th, 17th, 19th, 22d and 25th. A solar halo was observed on the 12th. Maximum velocity of the wind, 42 miles, from the southwest on the 5th. Prevailing direction of the wind, southwest. Number of clear days, 7; partly cloudy, 14; cloudy, 9. Sunshine, 66 per cent of possible.

July, 1906.—The mean temperature, 77.4 degrees, was 1.6 degrees above normal. Highest temperature, 90 degrees, on the 19th; lowest, 60 degrees, on the 24th. Greatest daily range of temperature, 28 degrees, on the 27th; least daily range, 6 degrees, on the 23d. The monthly rainfall, 6.60 inches, was 3.32 inches in excess of a seasonable amount. Excessive rains occurred on the 3d, 22d and 23d. On the 22d, 1.70 inches fell in fifty minutes. The greatest amount of rainfall in twenty-four consecutive hours, was 2.16 inches on the 22d. Thunderstorms occurred on the 3d, 5th, 6th, 7th, 12th, 20th, 22d, 23d, 27th and 28th. Solar halos were observed on the 26th and 28th, and a lunar halo on the 2d. Prevailing direction of the wind, southwest. Maximum velocity of the wind, 29 miles, from the northwest on the 20th. During the month there were 8 clear, 16 partly cloudy, and 7 cloudy days. Sunshine, 65 per cent of possible.

August, 1906.—The mean temperature, 75 degrees, was 3.4 degrees below normal. Maximum temperature, 93 degrees, on the 19th; lowest, 59 degrees, on the 28th. Greatest daily range of temperature, 24 degrees, on the 30th; least daily range, 9 degrees, on the 14th. The monthly rainfall, 3.78 inches, was 0.6 inches above normal. Excessive rains occurred on the 17th and 26th. On the 17th, 1.17 inches fell in fifty minutes. The greatest rainfall in twenty-four consecutive hours, was 1.63 inches on the 26th and 27th. Thunderstorms occurred on the 5th, 14th, 16th, 17th, 19th, 20th, 21st, 22d, 25th and 26th. Prevailing direction of the wind, northeast. Maximum velocity of the wind, 24 miles per hour, from the southwest on the 8th. There were 8 clear, 18 partly cloudy, and 5 cloudy days during the month. Sunshine, 66 per cent of possible.

September, 1906.—The mean temperature, 72.4 degrees, was 4.3 degrees above normal. The highest temperature, 90 degrees, on the 8th; lowest, 53 degrees, on the 15th. Greatest daily range of temperature, 25 degrees, on the 15th; least daily range, 4 degrees, on the 19th. The monthly rainfall, 3.90 inches, was 1.48 inches in excess of normal. Excessive rains occurred on the 12th, 13th and 29th. The greatest amount of rainfall in twenty-four consecutive hours, was 1.13 inches on the 29th. Prevailing direction of the wind, northeast. Maximum velocity of the wind, 25 miles, from the southeast on the 2d. Thunderstorms occurred on the 2d, 9th, 10th, 12th, 13th, 22d and 29th. Solar halos were observed on the 25th and 28th, and lunar halos on the 27th and 28th. During the month there were 9 clear, 13 partly cloudy, and 8 cloudy days during the month. Sunshine, 60 per cent of possible.

October, 1906.—A dry and pleasant month. The mean temperature, 56.2 degrees, was about normal. Highest temperature, 77 degrees, on the 17th; lowest temperature, 28 degrees, on the 11th. Greatest daily range of temperature, 28 degrees, on the 26th; least daily range, 7 degrees, on the 28th. The monthly rainfall, 1.06 inches, was 1.38 inches below normal. Solar halos were observed on the 8th, 12th and 16th. Prevailing direction of the wind, northeast. Maximum velocity of wind, 36 miles, from the west on the 27th. The first frost of the season occurred on the 11th, and the first snow of the season on the 28th. During the month there were 10 clear, 8 partly cloudy, and 13 cloudy days. Sunshine, 48 per cent of possible.

November, 1906.—The mean temperature, 45.0 degrees, was 1.1 degrees in excess of normal. Highest temperature during month, 75 degrees; lowest, 26 degrees, on the 14th. Greatest daily range of temperature, 35 degrees, on the 21st; least daily range of temperature, 6 degrees, on the 19th. The monthly rainfall, 3.04 inches, was 0.26 inches below normal. 0.7 inches of snow fell during the month. Prevailing direction of the wind, northeast. Maximum velocity of wind, 31 miles, from the southwest on the 21st. Solar halos were observed on the 4th, 16th, 20th, 23d and 25th, and a lunar halo on the 25th. During the month there were 6 clear, 7 partly cloudy, and 17 cloudy days. Sunshine, 48 per cent of possible.

December, 1906.—Unusual number of cloudy days. The mean temperature, 36.4 degrees, was about normal. Highest temperature during month, 65 degrees, on the 14th; lowest, 8 degrees, on the 24th. Greatest daily range of temperature, 38 degrees, on the 6th; least daily range, 4 degrees, on the 11th. The monthly precipitation (including melted snow) was 3.57 inches, or 0.42 inches in excess of a seasonable average. The total snowfall for the month was 5.3 inches. Prevailing direction of the wind, southwest. Maximum velocity of wind, 28 miles, from the west on the 6th. Solar halos were observed on the 4th and 5th. During the month there were 6 clear, 4 partly cloudy, and 21 cloudy days. Sunshine, 29 per cent of possible.

POPULATION OF STATES AND TERRITORIES.

Comparative Population of the United States, according to each Census from 1860 to 1900.

STATES AND TERRITORIES.	1900	1890	1880	1870	1860
The United States.....	76,303,387	62,622,250	50,155,783	38,558,371	31,443,321
Alabama.....	1,828,697	1,513,017	1,262,505	996,992	964,201
Alaska.....	68,592	.....	.....	.....	.....
Arizona.....	122,931	59,620	40,440	9,658	.....
Arkansas.....	1,311,564	1,128,179	802,525	484,471	435,450
California.....	1,485,063	1,208,180	864,694	560,247	379,994
Colorado.....	539,700	412,198	194,327	39,864	34,277
Connecticut.....	908,420	748,258	622,700	537,454	460,147
Delaware.....	184,735	168,498	146,608	125,015	112,216
District of Columbia.....	278,718	280,892	177,624	131,700	75,080
Florida.....	528,542	391,422	269,493	187,748	140,424
Georgia.....	2,216,331	1,837,853	1,542,180	1,184,109	1,057,286
Hawaii.....	154,001	.....	.....	.....	.....
Idaho.....	161,772	84,385	32,610	14,999	.....
Illinois.....	4,821,550	3,826,351	3,077,871	2,539,891	1,711,951
Indiana.....	2,516,462	2,192,404	1,978,301	1,680,637	1,350,428
Indian Territory.....	392,060	.....	.....	.....	.....
Iowa.....	2,231,858	1,911,896	1,624,615	1,194,020	674,913
Kansas.....	1,470,495	1,427,096	996,096	864,399	107,206
Kentucky.....	2,147,174	1,858,635	1,648,690	1,321,011	1,155,684
Louisiana.....	1,381,625	1,118,587	939,946	726,915	708,002
Maine.....	694,466	661,066	648,986	626,915	628,279
Maryland.....	1,188,044	1,042,390	934,943	780,894	637,049
Massachusetts.....	2,805,346	2,238,943	1,783,085	1,457,351	1,281,066
Michigan.....	2,420,982	2,063,889	1,636,937	1,184,059	749,113
Minnesota.....	1,751,394	1,301,826	780,773	439,706	172,023
Mississippi.....	1,551,270	1,289,600	1,131,597	827,922	791,305
Missouri.....	3,106,665	2,679,134	2,168,380	1,721,235	1,182,012
Montana.....	243,329	132,159	39,159	20,596	.....
Nebraska.....	1,066,300	1,068,910	452,402	122,993	28,841
Nevada.....	42,835	45,761	62,266	42,491	6,857
New Hampshire.....	411,588	376,530	346,991	318,300	326,073
New Jersey.....	1,833,669	1,444,933	1,131,116	906,096	672,035
New Mexico.....	195,310	158,598	119,565	91,874	93,516
New York.....	7,268,694	5,997,853	5,082,871	4,382,759	3,880,735
North Carolina.....	1,898,810	1,617,947	1,399,750	1,071,361	992,622
North Dakota.....	319,146	182,719	135,177	14,181	,837
South Dakota.....	401,570	328,808	.....	.....	.....
Ohio.....	4,157,545	3,672,316	3,198,062	2,665,260	2,339,511
Oklahoma.....	398,331	61,834	.....	.....	.....
Oregon.....	413,536	313,767	174,768	90,923	52,465
Pennsylvania.....	6,302,115	5,258,014	4,282,891	3,521,951	2,906,215
Rhode Island.....	428,556	345,506	276,531	217,353	174,620
South Carolina.....	1,340,316	1,151,149	995,577	705,606	703,708
Tennessee.....	2,020,616	1,767,518	1,542,359	1,258,520	1,109,801
Texas.....	3,048,710	2,235,523	1,591,749	818,579	604,215
Utah.....	276,749	207,905	143,963	86,736	40,273
Vermont.....	343,641	332,422	332,296	330,551	315,096
Virginia.....	1,854,184	1,655,980	1,512,565	1,225,163	1,596,313
Washington.....	518,103	349,390	75,116	23,955	11,594
West Virginia.....	958,800	762,794	613,457	442,014	.....
Wisconsin.....	2,069,042	1,686,880	1,315,497	1,054,670	775,881
Wyoming.....	92,531	60,705	20,789	9,113	.....

1900—Includes 91,219 persons in the military and naval service of the United States (including civilian employees, etc.) stationed abroad, not credited to any State or Territory.

1890—32,052 persons in Alaska, 180,182 Indians and other persons in Indian Territory, and 145,282 Indians and other persons on Indian reservations, etc., were specially enumerated under the law, but were not included in the general report on population in 1890; Hawaii had a population in 1890 of 89,990, according to the census taken as of December 28, 1890, under the direction of the Hawaiian Government; including these persons, the total population was 63,069,756.

NOTE.—The Territories are Alaska, Arizona, District of Columbia, Hawaii, Indian Territory, New Mexico and Oklahoma.

RULES
FOR THE
REGULATION OF THE DAILY SESSIONS
OF THE
CINCINNATI CHAMBER OF COMMERCE.

IN FORCE JUNE 1, 1907.

RULE 1. The doors of the Exchange Hall shall be opened at 10 o'clock A. M. and closed at 2:30 P. M., city time, except on Sundays, legal holidays, and days on which an adjournment may have been effected, when the Hall will be closed.

RULE 2. The daily sessions of the Association shall be held between 11:30 A. M. and 1:30 o'clock, P. M., city time, except on Saturdays, when the session shall be held between 10 o'clock, A. M., and 12 o'clock, noon.

RULE 3. Visitors who are non-residents of Cincinnati and the adjacent cities, may be admitted to the Exchange Hall after 10 o'clock A. M. when introduced by a member of the Association; but no person shall be admitted more than seven times, within three months, except upon the approval of a member of the Board of Directors for each admission. All persons, so introduced, must consider themselves amenable to the Rules of the Chamber of Commerce, and will not be permitted to transact any business. Any violation of this rule will make the member introducing such party liable to the payment of the sum of twenty-five dollars for each offense. A book shall be kept, in which the names of all visitors, with their places of residence, and the names of the persons introducing them, shall be daily registered, the same to be open to the inspection of members. No person shall be introduced as a visitor who, being in arrears to a member upon any business transaction, refuses to arbitrate and adjust the same before the proper Committees of the Chamber of Commerce.

RULE 4. Pastors of Churches in Cincinnati and adjacent cities, on application of members of their respective congregations who are members of this Association, the Judges of the Courts, the Mayor, the heads of Charitable Institutions, not engaged in business of any kind, and Officers of the U. S. Army and Navy, stationed here, and official representatives of foreign nations located at Cincinnati, in the discretion of the President, and such other distinguished citizens as may be authorized by the Board of Directors, may have issued to them complimentary tickets of admission to the Exchange Hall, good until the close of the calendar year for which they are issued. A complete record of all such tickets shall be kept; but in no case shall persons so admitted be allowed to transact any business, and any violation of this regulation shall be good cause for the withdrawal of such tickets.

RULE 5. The Exchange Hall may be used by auctioneers who are members of the Chamber of Commerce, for the sale of stocks, bonds and other property, upon compliance with and completion of conditions and requirements as follows:

1. An application for privilege for an auction sale must first be addressed and delivered to the Superintendent of the Chamber of Commerce, whereupon the Superintendent shall submit the application to members of the Board of Directors, and the signatures of eight members of the Board will be necessary to authorize such sale, or such sale can be authorized by action of the Board of Directors at any meeting.

2. The time for an auction sale as herein provided for, shall be 1:30 o'clock P. M., and the sale must begin within five minutes of the time announced. When two or more sales for the same date have been authorized they shall take place one after another immediately, and in the order of their application.

3. An application for consent for an auction sale herein provided for, must state explicitly and in detail the character of the securities or other property to be offered. In the case of whisky, the application for the sale must state specifically the number of barrels to be offered, the brand, age and serial or stamp numbers of the packages of each and every lot, and no lot of less than 25 barrels of one brand and age shall be offered.

4. An application for an auction sale herein provided for, which has been duly authorized, must be posted on the Exchange bulletin-board as a notice to persons interested in such proposed sale, and in every case such application or notice must be placed on the bulletin-board by or before 1 o'clock of the day preceding the sale announced.

5. No modifications of the terms of sale or character of the securities or other property, as announced and advertised, shall be allowed, nor shall a larger quantity of securities or other property be sold than advertised; but nothing herein shall be construed to prevent such securities or other described property from being in whole or in part withdrawn.

6. This rule shall apply only to applications for auction sales for the purpose of establishing the value of such property in an open market incident to the adjustment of claims called for under contract or collateral obligations, or for sales to establish value of property by order of court or by other judicial procedure.

7. Sales of property at auction in the Exchange Hall otherwise than herein provided for, shall be prohibited, excepting only such sales as are provided for under the rules for the regulation of the various departments of trade.

RULE 6. The soliciting of money for any object, on the floor of the Exchange, will not be allowed.

RULE 7. Newspapers on the files must not be mutilated under any circumstances.

RULE 8. On the death of a member, notice of the same shall, in all cases, be posted in the Exchange Hall; and at the written request of five members, the President shall appoint a committee to prepare a memorial report upon the deceased member, a copy of which report, when approved by the President, shall be entered upon the records of the Association, posted upon the bulletin-board for five days, and a copy furnished the family or friends of the deceased member. At the written request of twenty-five members, the President shall make public announcement of the death of a member, and such action taken as the Association may direct.

RULE 9. No advertisements of any kind shall be displayed upon the walls of the Exchange Hall or other rooms occupied by the Association.

RULE 10. Sample desks shall be provided in the Exchange Hall, the rental for which shall be \$5 per annum, payable in advance. The choice for such desks shall be sold at auction, at such time after the occupation of the new building as may be named by the Board of Directors, and thereafter at such times as said Board may authorize, after the expiration of three years. All samples of grain and flour must be placed in the drawers after the close of 'Change.

RULE 11. Persons shall not be permitted to congregate in the lobby nor in the approaches to the same.

RULE 12. The throwing of dough, flour, grain, or other missiles will not be permitted in the Exchange Hall.

RULE 13. No person shall appear in his shirt sleeves in the Exchange Hall between the hours of 10 o'clock, A. M., and 2 o'clock, P. M.; provided, that this rule may be suspended from June 15 to September 15, under approval of the Board of Directors.

RULE 14. No member will be permitted to bring a case before the Board of Directors, or any of the Committees, when he is in arrears for membership dues, desk rent, or fees of any kind.

RULE 15. No person who has been denied membership shall be admitted to the courtesies of the rooms of the Association for a period of six months.

SPECIAL RULE A.—Members of the Chamber are entitled to the privilege of inviting by card one person not a member of the Chamber of Commerce, but resident of either Hamilton County, Ohio, Campbell or Kenton Counties, Kentucky, extending the courtesies of the floor for five visits within one month, the person so admitted having no business privileges. Members are allowed more than one ticket per month if desired; the issuance of tickets to be at the discretion of the Superintendent.

SPECIAL RULE B.—Announcements of members may be posted on bulletin-boards in the Exchange Hall, relating to real estate offerings; and also other business announcements of members, subject to the approval and direction of the Superintendent.

RULES AND REGULATIONS
 OF THE
CINCINNATI CHAMBER OF COMMERCE
 AND
MERCHANTS' EXCHANGE,
 FOR THE
GOVERNMENT OF VARIOUS DEPARTMENTS OF TRADE
 IN FORCE JUNE 1, 1907.

RULES FOR THE REGULATION OF THE GRAIN TRADE IN CINCINNATI.

RULE I.—'CHANGE HOURS.

SECTION 1, R. 1.—*'Change hours* under the rules for the regulation of the grain trade of Cincinnati shall be held between 11:30 A. M. to 1:30 o'clock P. M. of each day upon which there is a meeting of the Chamber of Commerce, except Saturday, when the session shall be held between 10 o'clock A. M. and 12 o'clock, noon.

RULE II.—COMMITTEE ON GRAIN INSPECTION.

SECTION 1, R. 2.—*Appointment of.*—The Board of Directors shall annually, in the month of February, appoint a Committee on Grain Inspection, consisting of five (5) members, and all of whom shall be dealers in grain.

SEC. 2, R. 2.—*Duties of Committee.*—It shall be the duty of the Committee on Grain Inspection to hear, consider and determine all disputes, differences and controversies arising between members of the grain trade growing out of contracts made under the rules regulating the grain trade of Cincinnati that may be voluntarily submitted to it, and to discharge all such other duties as may be imposed upon it by the rules and regulations of the Chamber of Commerce of Cincinnati. Also, to similarly consider cases wherein the complainant is a non-member, provided he be represented by a member of the Association, and makes payment to the Association of a sum to be fixed by the committee, which shall not exceed ten dollars. In all cases submitted to the Committee on Grain Inspection for arbitration a fee may be charged, at the discretion of the Committee, such fee not to exceed five dollars, and to be payable to the Association.

The Committee on Grain Inspection will meet each business day to pass on appealed inspections. Appeals from Inspector's grading must be made within fifteen (15) minutes after receipt of samples from the Inspector. Should the Inspector fail to deliver samples at the appointed time, then the meeting on day of such delay will be held fifteen (15) minutes after such delayed delivery of samples.

SEC. 3, R. 2.—*Quorum.*—Three members of the Committee on Grain Inspection shall constitute a quorum for the transaction of business.

SEC. 4, R. 2.—*Temporary Vacancies Filled.*—All temporary vacancies in the Committee on Grain Inspection when it has met for the transaction of business may be filled by the quorum of members present, if so requested, by both parties, or shall be filled by the President of the Chamber of Commerce, if either of said parties litigating request it, before the case is stated. Such temporary appointees shall sit on said committee only during the absence or other inability of the committeemen to be present and serve. Said temporary appointees shall not retire from said committee during a trial or the hearing of any matter then before it—although the regular committeemen shall appear and be ready to serve—and that all such vacancies shall be filled by selection of members representing the same business as the absent members of the committee.

Sec. 5, R. 2.—How Controversies Submitted to the Committee.—Any party who desires to submit any controversy under the rules regulating the grain trade of Cincinnati to the Committee on Grain Inspection for determination, shall file with the said committee a written statement of his claim, which statement must contain—

1. The name of the firm or parties making the complaint, and who shall be known as the "complainants;"

2. The name of the firm or parties against whom the complaint is made, and who shall be known as the "respondents;"

3. A statement of the facts constituting the cause of complaint in ordinary and concise language;

4. A demand of the relief to which the party supposes himself entitled.

This written statement shall be known as the "petition," and no other written statement shall be required to be filed by either complainant or respondent.

Sec. 6, R. 2.—Notice of Time of Hearing.—Upon said petition named in Section 5 of this rule being filed, it shall be the duty of said committee to give notice to complainants and respondents of the time and place set for the hearing of said case. Such notice shall give the names of the parties, complainant and respondent.

Sec. 7, R. 2.—Adjournments.—The committee may, at its discretion, adjourn the time for the hearing of any case, and, after the hearing has commenced, may adjourn from time to time the further hearing thereof to such time as it may deem best.

Sec. 8, R. 2.—Trial.—On the trial of any case before said committee, the complainant, or any one of them, if more than one, shall first state his case fully and the evidence by which he proposes to sustain his case, giving the names of the witnesses and what he believes each witness will testify to. The respondent, or any one of them, if more than one, shall then state his answer fully, and what he claims in the transaction, and the evidence by which he proposes to sustain his side of the case, giving the names of the witnesses and what he believes each witness will testify to. The decision of a majority of the committee present and trying the case shall be held as valid and binding and shall be entered of record in the records of said committee.

Sec. 9, R. 2.—Notice of Decision.—Written notice of any final decision rendered by said committee shall be given to the parties, complainant and respondent, as soon as possible after rendering the same.

Sec. 10, R. 2.—Appeal and Notice Thereof.—Any party to the controversy who may feel aggrieved by the final decision of the Committee on Grain Inspection may appeal the case to the Committee of Arbitration within three days after the delivery of the decision. Notice of said appeal must be made to the Superintendent in writing by the party appealing.

Sec. 11, R. 2.—Record.—The Committee on Grain Inspection shall keep a record of its proceedings, and shall leave the same with the Superintendent of the Chamber of Commerce. Said record may be inspected by any member upon application to the said Superintendent.

RULE III.—INSPECTOR OF GRAIN.

SECTION 1, R. 3.—Appointment and Duties.—The Board of Directors shall annually, on the second Tuesday in February, or in case of failure to appoint at that time, at any meeting thereafter, appoint a suitable and competent person as Inspector of Grain.

Sec. 2, R. 3.—Duties of Inspector.—It shall be the duty of the Inspector to inspect, sample, and grade, according to the classification which may be adopted, from time to time, by the Chamber of Commerce, all grain received in this city, in bulk, except grain in transit, and also except consignments to parties who, on application to the Inspector, may direct him not to inspect their bulk grain without special instructions; and to inspect any other grain when called on to do so by the consignee or purchaser; also, all grain sent by transportation lines, to be stored in elevators or public warehouses, without the consent or knowledge of the consignees. He shall also furnish samples, with grading and car numbers, to consignees, when desired. Inspection to be at the expense of the receiver or consignee.

Sec. 3, R. 3.—Access to Grain Inspected.—The Inspector shall have free access to all grain that has been inspected by him, stored in any warehouse or elevator; and when such grain is to be removed from such warehouse or elevator shall, when called upon so to do by any party interested, reinspect the same.

Sec. 4, R. 3.—Certificate of Inspection.—A certificate of inspection shall be furnished when required by the party ordering the inspection.

SEC. 5, R. 3.—*Inspection of Grain Sold by Sample or Grade.*—Upon any difference of opinion between buyer and seller, when grain has been sold by sample, or grade, the Inspector may be called upon to determine the same in manner provided for by Section 4 of Rule VII.

SEC. 6, R. 3.—*When Not to Inspect Grain.*—The Grain Inspector shall not inspect grain at any elevator or warehouse, or for any party, unless the proprietor or manager of such elevator or warehouse, or other party desiring his services, shall conform to the rules in reference to inspections established by the Chamber of Commerce.

SEC. 7, R. 3.—*Inspector Not to Trade, etc.*—The Grain Inspector shall not be allowed to trade in any article of which he is the Inspector.

SEC. 8, R. 3.—*Fees for Inspection.*—The fees for inspection shall be as follows:

Forty (40) cents per car, or lot not exceeding 400 sacks, and fifty (50) cents per midship of canal boats, to all who shall give orders to inspect all their consignments of bulk grain. For grain inspected out of elevators the charge shall be twenty-five (25) cents per car.

It shall be privileged to charge one (\$1 00) dollar per car and one (\$1 00) dollar per midship to those who do not uniformly have their bulk grain inspected.

For Mill Feed, the fee shall be forty (40) cents per carload, or lot not exceeding 400 sacks.

SEC. 9, R. 3.—*Grading of Grain.*—All grain inspected will be graded by the lowest grade found.

SEC. 10, R. 3.—*Inspection at Request of Buyer or Seller.*—The buyer or seller shall have the right to call the Inspector to inspect grain purchased or sold—under the rules regulating the grain trade of Cincinnati—and when so called upon, it shall be the duty of the Inspector to make said inspection as soon as practicable.

SEC. 11, R. 3.—*Where Inspection to be Made.*—All inspections of grain by the Inspector shall be made at the place of delivery, unless otherwise agreed upon by the parties.

SEC. 12, R. 3.—*Controversies Referred to Grain Inspector.*—All controversies between the buyer or seller, or interested parties, as to the grade of grain purchased, sold, tendered, or delivered, under the rules regulating the grain trade of Cincinnati, shall, at the option of either party, be referred to the Grain Inspector, who shall inspect or reinspect the grain and determine the controversy, and his decision shall be valid and binding upon the parties. If the original inspection be sustained the expense of such re-inspection shall be paid by the buyer, unless otherwise agreed upon. If the grain be not up to grade, the expense of such re-inspection shall be paid by the seller or party delivering or tendering the grain, unless otherwise agreed upon.

SEC. 13, R. 3.—*Appeals.*—Any party thinking himself aggrieved by any decision of the Inspector, may appeal to the Committee on Grain Inspection, who shall hear and determine the case—but such appeal shall be perfected within twenty-four hours from the date of the decision of the Grain Inspector.

SEC. 14, R. 3.—Members shall not be permitted to enter the Grain Inspector's office, except the Grain Inspection Committee in its official capacity.

RULE IV.—GRAIN AND HAY INSPECTION BUREAU.

SECTION 1, R. 4.—The Board of Directors of the Cincinnati Chamber of Commerce shall have power to establish a Grain and Hay Inspection Bureau, to be operated under the charge of a Chief Inspector, who shall have supervision of the official inspection of grain, hay and feed.

SEC. 2, R. 4.—The Chief Inspector shall be appointed by the Board of Directors of the Chamber of Commerce upon the inauguration of the Inspection Bureau, and thereafter on the first Tuesday of February, of each year, or at any meeting of the Board of Directors.

SEC. 3, R. 4.—The Chief Inspector shall be authorized to appoint an Assistant Inspector, and Deputy Inspectors, such appointments to be subject to the approval of the Board of Directors.

SEC. 4, R. 4.—The Chief Inspector shall have charge, supervision and direction of all inspectors. He shall inspect, or cause to be inspected, sample, and grade, according to the classification, which may be adopted from time to time by the Chamber of Commerce, all Grain, Hay and Feed received in Cincinnati by members of the Chamber of Commerce, except consignments to parties who may direct him not to inspect. He shall re-inspect or cause to be re-inspected any Grain, Hay or Feed when ordered to do so.

SEC. 5, R. 4.—He shall cause to be kept a record of all inspections and re-inspections of Grain, Hay and Feed, and shall collect or shall provide for the collection of all fees for inspecting and re-inspecting Grain, Hay and Feed, and shall pay into the Chamber of Commerce all such fees and revenues collected.

SEC. 6, R. 4.—The Chief Inspector shall have authority to suspend from service any inspector under his charge, and in case of so acting he shall submit a statement explanatory of such action with specifications in writing to the Inspection Bureau Committee.

SEC. 7, R. 4.—On receiving such notice of suspension and charges from the Chief Inspector, the Inspection Bureau Committee shall recommend to the Board of Directors action ordering the dismissal from service of the inspector complained of, if it be deemed justifiable or called for under the evidence.

SEC. 8, R. 4.—An appointment of Chief Inspector, or any Assistant or Deputy Inspector shall be revocable at any time by action of the Board of Directors.

SEC. 9, R. 4.—The Chief Inspector and Assistant Inspector, and Deputy Inspectors, shall be paid salaries fixed by the Board of Directors. The Chief Inspector and Assistant Inspector shall be members of the Chamber of Commerce.

RULE V.—CLASSIFICATION OF GRAIN.

SECTION 1, R. 5.—WINTER WHEAT.

No. 1 WHITE.—Shall be pure white, bright, sound, reasonably plump, free from smut and other grain, well cleaned, and shall weigh not less than sixty (60) pounds to the measured bushel.

No. 2 WHITE.—Shall be white, sound and reasonably clean, and shall weigh not less than fifty-eight (58) pounds to the measured bushel.

No. 3 WHITE.—Shall include all sound white wheat, not fit for higher grade, and not so much damaged from any cause as to be unfit for flouring, and shall weigh not less than fifty-five (55) pounds to the measured bushel.

No. 4 WHITE.—Shall be sound, too damp or dirty to permit of grading No. 3, and shall test not less than fifty-three (53) pounds to the measured bushel.

No GRADE.—Shall be wheat, any color, badly mixed with other grains, or unsound, or excessively damp, or on the verge of heating, or hot, or which for any cause can not be given any specified grade.

MIXED WINTER.—White and red wheat mixed, shall be graded Nos. 1, 2, 3, 4, and no grade, corresponding with such grades of white and red wheat.

HARD WINTER.—Shall be governed by the same rules as soft winter wheat, the inspector, however, to make notation on inspection certificate as follows: No. 1 Hard Winter; No. 2 Hard Winter, etc.

No. 1 RED.—Shall be red and amber, sound, reasonably plump, well cleaned, and free from smut or other grain, and shall weigh not less than sixty (60) pounds to the measured bushel.

No. 2 RED.—Shall be red and amber, shall be sound and reasonably clean, and may contain not over ten (10) per cent of white wheat, and shall weigh not less than fifty-eight (58) pounds to the measured bushel.

No. 3 RED.—Shall include all sound wheat not fit for higher grades, and not so much damaged from any cause as to be unfit for flouring, and shall weigh not less than fifty-five (55) pounds to the measured bushel.

No. 4 RED.—Shall be sound, too damp or dirty to permit of grading No. 3, and shall test not less than fifty-three (53) pounds to the measured bushel.

No GRADE.—Shall be wheat, any color, badly mixed with other grains, or unsound, or excessively damp, or on the verge of heating, or hot, or which for any cause can not be given any specified grade.

SECTION 2, R. 5.—SPRING WHEAT.

No. 1 NORTHERN SPRING.—Shall be northern-grown spring wheat, sound and reasonably clean and of good milling quality, and must contain not less than 50 per cent of the hard varieties of spring wheat.

No. 2 NORTHERN SPRING.—Shall be northern-grown spring wheat, not clean enough or sound enough for No. 1, and must contain not less than 50 per cent of the varieties of spring wheat.

No. 1 SPRING.—Shall be sound, plump, and well cleaned.

No. 2 SPRING.—Shall be sound, reasonably clean, and of good milling quality.

No. 3 SPRING.—Shall include all sound, inferior, shrunken or dirty spring wheat, weighing not less than fifty-three (53) pounds to the measured bushel.

No. 4 SPRING.—Shall include all sound spring wheat too damp or dirty to permit of grading No. 3, weighing not less than fifty (50) pounds to the measured bushel.

NO GRADE SPRING.—Shall be spring wheat, any color, badly mixed with other grains, or unsound, or excessively damp, or on the verge of heating, or hot, or which for any cause can not be given any specified grade.

WHITE SPRING.—Shall correspond with the grades of Nos. 1, 2, 3, 4, and No Grade, of spring wheat, except that they shall be of the white variety, or shall contain five per cent or more of such white wheat.

FROSTED WHEAT.—Shall in no case be graded higher than No. 4, except that the grade of No. 3 may contain as much of said frosted wheat as it is customary to allow of wheat damaged in any other way.

SECTION 3, R. 5.—CORN.

No. 1 WHITE.—Shall be pure white, sound, dry, plump, and well cleaned.

No. 2 WHITE.—Shall be white, sound, dry, and reasonably clean, but may contain three per cent damaged or two per cent colored grains.

No. 3 WHITE.—Shall be white, sound, reasonably clean, and may be slightly damp, and may contain five per cent damaged and four per cent colored grains.

No. 4 WHITE.—Shall be white, sound, too damp or dirty, or otherwise unfit for No. 3, may contain same proportion of damaged and colored grains as No. 3.

No. 1 YELLOW.—Shall be pure yellow, sound, dry, plump, and well cleaned.

No. 2 YELLOW.—Shall be yellow, sound, dry, and reasonably clean, but may contain three per cent damaged or two per cent white or colored grains, other than yellow.

No. 3 YELLOW.—Shall be yellow, sound, reasonably clean, may be slightly damp, and may contain five per cent damaged and four per cent white or colored grains, other than yellow.

No. 4 YELLOW.—Shall be yellow, sound, too damp or dirty, or otherwise unfit for No. 3, may contain same proportion of damaged and colored grains as No. 3.

No. 1 MIXED.—Shall be mixed, sound, dry, plump, and well cleaned.

No. 2 MIXED.—Shall be mixed, sound, dry, and reasonably clean, but may contain three per cent damaged grains.

No. 3 MIXED.—Shall be mixed, sound, reasonably clean, and may be slightly damp, and may contain five per cent damaged grains.

No. 4 MIXED.—Shall be sound, too damp or dirty, or otherwise unfit for No. 3.

NO GRADE CORN.—Any color, mixed with other grain, or unsound, or musty, or excessively damp, or heating, or hot, or which for any cause can not be given any specified grade.

EAR CORN.—The Inspector must furnish the best average sample he can draw, not less than six (6) ears, which shall represent the entire lot.

SECTION 4, R. 5.—OATS.

No. 1 WHITE.—Shall be pure white, sound, bright, free from other grain, and well cleaned, and weigh not less than thirty-two (32) pounds to the measured bushel.

No. 2 WHITE.—Shall be not less than ninety-five per cent white, sound, and reasonably clean, may contain an occasional foreign grain, and weigh not less than twenty-eight (28) pounds to the measured bushel.

No. 3 WHITE.—Shall be not less than ninety-five per cent white, sound, and slightly stained or mixed with other grain, reasonably clean, and for any cause unfit for No. 2.

No. 4 WHITE.—Shall include all sound white oats too damp or dirty, or poor in color, to permit grading No. 3.

No. 1 MIXED.—Shall be sound, bright, free from other grain, and well cleaned, and weigh not less than thirty-two (32) pounds to the measured bushel.

No. 2 MIXED.—Shall be sound, reasonably clean, and reasonably free from other grain, and weigh not less than twenty-eight (28) pounds to the measured bushel.

No. 3 MIXED.—Shall be sound, too light, too much stained or mixed with other grain for No. 2.

No. 4 MIXED.—Shall include all sound mixed oats, too damp or dirty to be permitted to grade No. 3.

NO GRADE OATS.—Shall be unsound oats, musty or bin-burnt, or excessively damp, or heating, or hot, badly mixed with other grains, or which for any cause can not be given any specified grade.

SECTION 5, R. 5.—RYE.

No. 1.—Shall be sound, plump, and well cleaned.

No. 2.—Shall be sound, reasonably clean, and not too much mixed with other grain, and shall weigh not less than fifty-five (55) pounds to the measured bushel.

No. 3.—Shall include all sound, inferior, shrunken, dirty, or slightly damp rye, not so much damaged, from any cause, as to be unfit for milling or distilling purposes.

No. 4.—Shall include all sound rye weighing not less than fifty (50) pounds to the measured bushel, too damp or dirty to permit grading No. 3.

No GRADE RYE.—Shall be rye, badly mixed with foreign grains, or unsound, or excessively damp, or on the verge of heating, or hot, or which for any cause can not be given any specified grade.

SECTION 6, R. 5.—WINTER BARLEY.

No. 1 WINTER.—Shall be sound, plump, clean, bright, and free from other grain.

No. 2 WINTER.—Shall be sound and reasonably clean, but not bright or plump enough for No. 1 (may be slightly broken), and reasonably free from other grain, and shall weigh not less than forty-eight (48) pounds to the measured bushel.

No. 3 WINTER.—Shall include shrunken or otherwise slightly damaged barley; may be slightly mixed, with other grain, but not unfit for malting, and shall weigh not less than forty-four (44) pounds to the measured bushel.

EXTRA No. 3 WINTER.—Shall be sound, and may be somewhat stained, but otherwise, except as to weight, equal to No. 2, and shall weigh not less than forty-six (46) pounds to the measured bushel.

No. 4 WINTER.—Shall include all sound winter barley, or which for any cause is below the standard of No. 3, but which is better than No Grade.

No GRADE.—Shall be barley badly mixed with foreign grains, or unsound, or excessively damp, or on the verge of heating, or hot, or which for any cause is unfit for No. 4.

SECTION 7, R. 5.—SPRING BARLEY.

No. 1 SPRING.—Shall be same as No. 1 Winter.

No. 2 SPRING.—Shall be same as No. 2 Winter.

No. 3 SPRING.—Shall be same as No. 3 Winter.

EXTRA No. 3 SPRING.—Shall be same as Extra No. 3 Winter.

No. 4 SPRING.—Shall be same as No. 4 Winter.

No GRADE SPRING.—Shall be same as No Grade Winter.

RULE VI.—DELIVERIES.

SECTION 1, R. 6.—*Manner of, Delivery of, and Payment for Grain Sold in Elevator.*—The delivery of grain sold in elevator shall be made by the tender of regular elevator receipts, which shall have three (3) full days' free storage at the time of such tender. Upon such tender being made the contract price of grain thus sold shall be due and payable.

SEC. 2, R. 6.—*Regular Elevator Receipts.*—A regular elevator receipt called for in Section 1 of Rule VI shall be for grain in elevator, in Cincinnati, connected by railroad tracks, and to and from which, said railroad tracks and said elevator, grain can be directly handled—said elevator to be managed by either a corporation, firm, or individual, for the purpose of carrying on the business of receiving, storing, delivering, and forwarding grain of all kinds. Said corporation, firm, or individual may, in connection therewith, do the business of general storage, warehousemen, and forwarders of all kinds of produce or merchandise—but shall not on his own account, nor for others, deal as buyers or sellers. *Provided, however,* that before such elevator receipt shall be deliverable on contract the following conditions must be done and had: First, the parties managing such elevator shall have filed with the Board of Directors of the Chamber of Commerce a statement, showing that the said elevator has complied with this Section 2 of Rule V; and second, the Board of Directors shall have declared by resolution the said elevator regular.

SEC. 3, R. 6.—*Manner of Delivery and Payment for Grain Sold on Track.*—The delivery of grain sold on track shall be made by the tender of a written order for the property on some standard gauge railroad company entering and having an office in Cincinnati, properly accepted by such railroad company, together with the certificate of the Grain Inspector. Upon such tender being made, the seller shall have the right to demand of the buyer eighty (80) per cent of the contract price upon the basis of the weight of each car as shown by the shipper's advice, and the buyer shall have five (5) days' time in which to furnish seller weights and pay the balance of the contract price. In case weights are not furnished within the said five days, excepting for unavoidable causes for which the buyer is not responsible, the seller shall have the right to settlement at shipper's weights, when properly certified to and duly tendered.

SEC. 4, R. 6.—Form of Acceptance by the Railroad Company.—The acceptance by the railroad company called for in Section 3 of Rule VI shall be in the following form, to wit:

CINCINNATI, OHIO, _____, 19—.

The _____ railroad company hereby certifies that the grain covered by the within order has arrived and is now ready for delivery.

(Signed.)

_____ Railroad Company.
By _____, Agent.

SEC. 5, R. 6.—Penalty for Giving More than One Order for Same Property.—Any member who shall give more than one order called for under Section 3 of Rule V for the same lot of grain, and shall receive advances thereon, shall, on conviction thereof, be expelled from the Chamber of Commerce.

SEC. 6, R. 6.—No Delivery on Sunday, etc.—When a contract shall mature on Sunday, a legal holiday, or on a day on which there is no meeting of the Chamber, delivery on such contract shall be made on the preceding business day. No property shall be tendered on any day upon which there is no meeting of the Chamber of Commerce.

SEC. 7, R. 6.—Place of Delivery.—In all sales of property under the rules regulating the grain trade of Cincinnati, when not otherwise provided for by the terms of the contract, all deliveries and tenders of delivery of property shall be made on 'Change. In case the buyer has no usual place of business in Cincinnati, then the delivery or tender of delivery to the Superintendent of the Chamber of Commerce of Cincinnati shall be held to be a good, valid and sufficient delivery of such property. *Provided, however,* that all deliveries or tenders of delivery of property made or to be made on the last business day of each month shall be made on the floor of the Chamber of Commerce, during 'Change hours, anything in these rules to the contrary notwithstanding. And it shall be the duty of all members having unfilled contracts to be present on said floor in the Chamber of Commerce, either in person or by agent, or by some other authorized party, during 'Change hours, to receive such property when properly tendered.

SEC. 8, R. 6.—Failure to Deliver at Maturity of Contract.—In case any property contracted for, to arrive, is not delivered at maturity of contract, the purchaser may, at his option: (1,) consider the contract forfeited; or (2,) after notice to the seller of his intention, he may purchase the property in the open market on 'Change the same or next business day for account of the seller, notifying him at once of such purchase; or (3,) he may require a settlement with the seller at the market price on the day of maturity of the contract. And in case the parties can not agree upon the said market price within three (3) days after the maturity of the contract, then the matter may be referred by either party to the Committee on Grain Inspection for determination.

SEC. 9, R. 6.—Failure to Receive and Pay for Property when Tendered.—In case any property contracted for is not received and paid for when properly tendered, it shall be the duty of the seller, in order to establish any claim on the purchaser, to sell it at auction during 'Change hours of the same or next business day following after such default shall have been made, notifying the purchaser of his intention on the same day of such sale; and any loss resulting to the seller shall be paid by the party in default.

SEC. 10, R. 6.—Value of Property, how Determined.—In determining the value of property, its value in other markets, or for manufacturing or consumptive purposes in this market, together with such other facts as may justly enter into the determination of its value, shall be considered, irrespective of any fictitious price it may at the time be selling for in this market, but nothing shall be construed as authorizing unjust or unreasonable claims based upon manipulated or fictitious markets. Such values, in case of disagreement between the parties, shall, at the option of either party, be referred to the Committee on Grain Inspection for determination.

SEC. 11, R. 6.—Tender of Higher Grades of Grain.—On contracts for grain for future delivery, the tender of a higher grade of the same kind of grain than the one contracted for shall be deemed sufficient, provided the higher grade of grain tendered shall not be of a color or quality that will depreciate the value of the other, if mixed.

SEC. 12, R. 6.—Tender of Grain of Equal Grade by Elevator Companies.—Elevator companies must deliver grain equal to the standard of the grade called for by the elevator receipt.

RULE VII.—SALES BY SAMPLE OR GRADE.

SECTION 1, R. 7.—*Not Up to Sample.*—If grain sold by sample should prove not up to sample, the purchaser may demand, within twenty-four hours after notice to the seller, the amount of grain purchased up to sample, or payment of such difference in value as may be established, unless otherwise agreed upon at the time of sale.

SEC. 2, R. 7.—*Sold to Arrive and Not Up to Sample.*—In case grain is sold to arrive, and upon its arrival shall prove not up to sample or grade in which the same has been sold, then the seller shall have twenty-four hours in which to furnish the amount of grain sold up to sample or grade, unless otherwise agreed upon at the time of purchase.

SEC. 3, R. 7.—*When and Where Examined—Accepted or Rejected.*—All grain sold by sample or grade, shall be examined by the purchaser or Inspector at the place of delivery, and shall be accepted or rejected within twenty-four (24) hours from the time the order and sample are given for the same, excepting that when the car arrives at place of unloading, provided same is within jurisdiction of the Inspector, and is found by the Inspector to be grain of different character from original inspection, in which case the difference in value shall be determined as provided for in Sec. 1 of Rule XI.

SEC. 4, R. 7.—*Inspector to Decide.*—Upon any difference of opinion between buyer and seller, when grain has been sold by sample or grade, the Inspector may be called upon to decide the case by comparison, and in such case the sample may be required by either buyer or seller to be, in the presence of both buyer and seller, furnished the Inspector, who shall inspect it as soon as practicable after the request shall have been made. If not up to sample, or grade, the expense of such inspection shall be paid by the seller, unless otherwise agreed upon.

RULE VIII.—TERMS OF SALE.

SECTION 1, R. 8.—All purchases of grain made, unless otherwise agreed upon, are understood to be for cash, and to be paid for on delivery.

RULE IX.—CAR LOAD.

SECTION 1, R. 9.—In sales of car lots of grain to arrive, or loaded from an elevator or warehouse, a carload of wheat shall be 1,000 bushels, shelled corn 1,000 bushels, ear corn 700 bushels, oats 1,500 bushels, rye 1,000 bushels, barley 1,000 bushels, and any excess or deficiency to be settled at the market ruling on the day of delivery, unless otherwise stated.

RULE X.—TIME, HOW COMPUTED.

SECTION 1, R. 10.—*How Time Computed.*—Unless otherwise specially provided, the time within which an act is required by the rules regulating the grain trade of Cincinnati to be done shall be computed by excluding the first day and including the last, and if the last be Sunday, it shall be excluded.

SEC. 2, R. 10.—*Time of Shipment.*—The term "immediate shipment" shall mean that shipment shall be made within three business days from the date when shipping directions have been received by the seller. The term "quick shipment" shall mean that shipment shall be made within five business days from the date when shipping instructions have been received by the seller. The term "prompt shipment" shall mean that shipment shall be made within ten business days from the date when shipping directions have been received by the seller. When no time is mentioned, it is understood that sales are made for "prompt shipment."

SEC. 3, R. 10.—*Time for Shipping Directions.*—The buyer shall, unless otherwise specified at the time of sale, be allowed two business days within which to furnish shipping directions on sales for prompt or deferred shipment only, and shall be obliged to furnish the same any time after two days when called upon by seller or shipper. On failure on the part of the buyer to furnish directions on demand, after the time allowed, the seller shall have the right and privilege to ship the goods to the known address of the buyer, or to cancel the contract outright, as the seller may elect, twenty-four hours notice having been given by the seller of such intention.

SEC. 4, R. 10.—*Failure to Ship within Contract Time.*—In the case of failure on the part of the seller to ship goods within contract time after receipt of shipping directions, the buyer shall have the right either to cancel the contract outright or to purchase goods covered by the contract for account of the seller, or extend contract for a specified number of days, as the buyer may elect.

RULE XI.—DISPUTES REFERRED TO THE COMMITTEE ON GRAIN INSPECTION.

SECTION 1, R. 11.—All matters of dispute, difference, or controversy between members growing out of contracts under the rules regulating the grain trade of Cincinnati not otherwise specially provided for, which the parties do not settle, may be referred to the Committee on Grain Inspection, and said committee shall hear and determine the matter, and the decision of said committee shall be valid and binding.

SEC. 2, R. 11.—*Effect of Offer to Submit Dispute to Grain Committee.*—In case of any disagreement arising from any action taken under these rules, the expressed willingness of either party to the controversy to submit the pending question of difference to the Committee on Grain Inspection or of Arbitration for determination shall be accepted and construed by the Board of Directors as evidence on the part of such member of his readiness to adjust and settle his said disputed obligation, and he shall not, therefore, be subject to discipline for such matter pending such proffered submission, if he shall abide by the same in good faith, and, in case of an award promptly perform such award.

RULE XII.—NOTICES, SERVICE OF.

SECTION 1, R. 12.—*Service of Notices.*—Unless otherwise specially provided, all notices for the call of margin for the maintenance or closing of contracts, and all notices, for any and all other purposes required to be given by the rules regulating the grain trade of Cincinnati, may be served personally on the party to be notified, or upon his authorized representative, or upon any clerk representing the party on 'Change, or by leaving written notice at the party's usual place of business in Cincinnati; and, in case the party to be notified shall not be known to have a usual place of business in Cincinnati, a written notice left in the office of the Superintendent of the Chamber of Commerce shall be deemed sufficient.

RULE XIII.—ELEVATOR CHARGES.

SECTION 1, R. 13.—*Elevator Charges.*—The following elevator charges are recognized by the Cincinnati Chamber of Commerce, as in force January 1, 1905: On all grain, two-thirds ($\frac{2}{3}$) of one cent per bushel for the first five days, or part thereof, and one-third ($\frac{1}{3}$) of one cent for the next ten days or part thereof, and one-sixth ($\frac{1}{6}$) of one cent for each subsequent ten days or part thereof. Extra charges for delivery in sacks.

RULE XIV.—ELEVATOR REPORTS.

SECTION 1, R. 14.—*To Furnish Weekly Reports to the Superintendent.*—The managers of regular elevators shall honestly and faithfully furnish to the Superintendent of the Chamber of Commerce all needed information to enable him to keep a correct record and account of all grain, together with the grade thereof, received and delivered by them weekly, and of that remaining in store at close of each week. And it shall be the duty of the Superintendent of the Chamber of Commerce to aggregate such records and to post them in a public place in the Chamber of Commerce, on the first business day of each week.

SEC. 2, R. 14.—*To Publish Damage to Grain Held in Store.*—Managers of such elevators shall promptly, by proper publication, advise the trade and the public of any damage to grain held in store by them, whenever such damage shall occur to any extent, that will render them unwilling to purchase and withdraw from store, at their own cost, all such damaged grain.

SEC. 3, R. 14.—*Important Changes in Condition of Elevator, or Disregard or Evasion of Requirements.*—Any important change in the condition of any elevator, or disregard or evasion of the above requirements, shall at any time be a sufficient cause for the Board of Directors to declare such elevator no longer regular within the meaning of the Rules of the Chamber of Commerce.

RULES FOR THE GOVERNMENT OF THE HAY TRADE.

The Board of Directors of the Cincinnati Chamber of Commerce, have adopted rules for the regulation of the Hay trade, as follows:

CLASSIFICATION OF HAY.

CHOICE TIMOTHY.—Shall be Timothy not mixed with over one-twentieth other grasses, properly cured, bright natural color, sound and well baled.

No. 1 TIMOTHY.—Shall be Timothy not more than one-eighth mixed with Clover or tame grasses, properly cured, good color, sound and well baled.

No. 2 TIMOTHY.—Shall be Timothy not good enough for No. 1, not over one-fourth mixed with Clover or other tame grasses, fair color, sound and well baled.

No. 3 TIMOTHY.—Shall include all Hay not good enough for other grades, sound and well baled.

No. 1 CLOVER, MIXED.—Shall be Timothy and Clover mixed, with at least one-half Timothy, good color, sound and well baled.

No. 2 CLOVER, MIXED.—Shall be Timothy and Clover mixed, with at least one-third Timothy, reasonably sound and well baled.

No. 1 CLOVER.—Shall be medium Clover, not over one-twentieth other grasses, properly cured, sound and well baled.

No. 2 CLOVER.—Shall be Clover, sound, well baled, not good enough for No. 1.

No GRADE.—Shall include all Hay badly cured, musty, stained, thrashed, or in any way unsound.

CHOICE PRAIRIE.—Shall be Upland, of bright color, well cured, sweet, sound and may contain 5 per cent weeds.

No. 1 PRAIRIE.—Shall be Upland, and may contain one-quarter Midland, both of good color, well cured, sweet, sound and may contain 8 per cent of weeds.

No. 2 PRAIRIE.—Shall be Upland, of fair color, and may contain one-half of Midland, both of good color, well cured, sweet, sound and may contain 12½ per cent weeds.

No. 3 PRAIRIE.—Shall include Hay not good enough for other grades, and not caked.

No. 1 MIDLAND.—Shall be Midland of good color, well cured, sweet, sound, and may contain 8 per cent weeds.

No. 2 MIDLAND.—Shall be fair color, or Slough Hay of good color, and may contain 12½ per cent weeds.

PACKING.—Shall include all Wild Hay not good enough for other grades and not caked.

No GRADE PRAIRIE.—Shall include all Hay not good enough for other grades.

No ESTABLISHED GRADE.—Shall be Hay that is composed of mostly all Bluegrass, Redtop, or other mixture of grass, containing neither Timothy, Clover, nor Clover mixed, but well cured, free from must or stain, and sound.

CLASSIFICATION OF STRAW.

No. 1 STRAIGHT RYE.—Shall be in large bales, clean, bright long Rye, pressed in bundles, sound and well baled.

No. 2 STRAIGHT RYE.—Shall be in large bales, long Rye, pressed in bundles, sound and well baled, not good enough for No. 1.

No. 1 TANGLED RYE.—Shall be reasonably clean Rye, good color, sound and well baled.

No. 2 TANGLED RYE.—Shall be reasonably clean, may be some stained, but not good enough for No. 1.

No. 1 WHEAT.—Shall be reasonably clean Wheat, sound and well baled.

No. 2 WHEAT.—Shall be reasonably clean, may be some stained, but not good enough for No. 1.

No. 1 OAT.—Shall be reasonably clean Oat, sound and well baled.

No. 2 OAT.—Shall be reasonably clean, may be some stained, but not good enough for No. 1.

FEES FOR INSPECTION OF HAY.

The fee for the inspection of Hay in cars shall be forty (40) cents per car, to be paid by the owner or seller; all Hay in sight at both doors to be inspected. On any complaint at the unloading of the car the Inspector shall reinspect, with an additional charge of sixty (60) cents per car, and in no case shall the charge be less than sixty (60) cents for reinspection. All facilities and additional expenses for reinspection must be furnished by the party calling for reinspection. The fee for inspecting at the river shall be two (2) cents per bale for large bales; one (1) cent per bale for half and third bales; and one-half ($\frac{1}{2}$) cent per bale for quarter bales, to be paid by the owner or seller.

RULES GOVERNING COMMITTEE ON WEIGHING INSPECTION.

SECTION 1.—Appointment of.—The Board of Directors shall annually, in the month of February, appoint a Committee on Weighing Inspection, consisting of five members, all of whom shall be dealers in grain and hay.

SEC. 2.—Duties of Committee.—It shall be the duty of the Committee on Weighing Inspection to hear, consider and determine all disputes, differences and controversies arising between members relating to official weighing under the rules regulating public weighing within the jurisdiction of the Chamber of Commerce, that may be voluntarily submitted to it, and to discharge all such other duties as may be imposed upon it. Also, to similarly consider cases wherein the complainant is a non-member, provided he be represented by a member of the Association, and makes payment to the Association of a sum to be fixed by the Committee, which shall not exceed ten dollars.

SEC. 3.—Quorum and Vacancies.—Three members of the Committee on Weighing Inspection shall constitute a quorum for the transaction of business. All temporary vacancies in the Committee when it has met for the purpose of considering questions in dispute may be filled by the quorum of members present, if so requested by both parties, or shall be filled by the President of the Chamber of Commerce, if either of the parties to the controversy requests it, before the case is opened. Such temporary appointees shall act on the Committee only during the trial or hearing of a case then before it, and in their selection they must be representatives of the same lines of business as the absent members of the Committee.

SEC. 4.—How Controversies Are To Be Submitted.—Any party who desires to submit any controversy under the rules regulating public weighing to the Committee on Weighing Inspection for determination, shall file with the Committee a written statement of his claim, which statement must contain specifications as follows:

1. The name of the firm or parties making the complaint, and who shall be known as the "complainants;"
2. The name of the firm or parties against whom the complaint is made, and who shall be known as the "respondents;"
3. A statement of the facts constituting the cause of complaint in ordinary and concise language;
4. A demand of the relief to which the party supposes himself entitled.

This written statement shall be known as the "petition," and no other written statement shall be required to be filed by either complainant or respondent.

SEC. 5.—Notice of Time of Hearing.—Upon the petition named in Section 4 of this rule being filed, it shall be the duty of said committee to give notice to complainants and respondents of the time and place set for the hearing of the case. Such notice shall give the names of the parties, complainant and respondent.

SEC. 6.—Adjournments.—The committee may, at its discretion, adjourn the time for the hearing of any case, and, after the hearing has commenced, may adjourn from time to time the further hearing thereof to such time as it may deem best.

SEC. 7.—*Trial*.—On the trial of any case before the committee, the complainant, or any one of them, if more than one, shall first state his case fully and the evidence by which he proposes to sustain his case, giving the names of the witnesses and what he believes each witness will testify to. The respondent, or any one of them, if more than one, shall then state his answer fully, and what he claims in the transaction, and the evidence by which he proposes to sustain his side of the case, giving the names of the witnesses and what he believes each witness will testify to. The decision of a majority of the committee present and trying the case shall be held as valid and binding and shall be entered of record in the records of said committee.

SEC. 8.—*Notice of Decision*.—Written notice of any final decision rendered by the committee shall be given to the parties, complainant and respondent, as soon as possible after rendering the same.

SEC. 9.—*Appeal and Notice Thereof*.—Any party to the controversy who may feel aggrieved by the final decision of the Committee on Weighing Inspection may appeal the case to the Committee of Arbitration within three days after the delivery of the decision. Notice of the appeal must be made to the Superintendent in writing by the party appealing.

SEC. 10.—*Record*.—The Committee on Weighing Inspection shall keep a record of its proceedings, and shall leave the same with the Superintendent of the Chamber of Commerce. Said record may be inspected by any member upon application to the Superintendent.

Adopted by the Board of Directors, January 2, 1906.

RULES GOVERNING PUBLIC WEIGHING.

RULE 1.—The Board of Directors of the Chamber of Commerce shall have power to establish a Weighing Bureau, under the charge of a Chief Weigher, who shall have supervision of official weighing within the jurisdiction of the Chamber of Commerce.

RULE 2.—The Chief Weigher shall be appointed by the Board of Directors of the Chamber of Commerce; in the first instance, at a time suitable to the inauguration of a Weighing Bureau, and thereafter on the first Tuesday of February of each year, or in case of failure to make such appointment at that time it may be made at any meeting thereafter. An appointment of Chief Weigher shall be revocable at any time by action of the Board of Directors.

RULE 3.—The Chief Weigher shall be authorized to appoint assistants to act as weighers under his supervision, such appointments to be subject to approval of the Board of Directors, or of a committee thereof empowered to act. The Chief Weigher shall have authority to suspend from service any weigher under his charge. In case of so acting he shall submit a statement explanatory of such action, with specifications in writing to the Board of Directors, which may authorize the Chief Weigher to dismiss the person complained of from service if this be deemed justifiable or called for under the evidence. He shall have supervision and direction of all weighers, and shall require from them such reports as are necessary incident to their service. He shall superintend all the scales, and shall see that they are kept in proper working order, and shall frequently test the correctness of such scales by standard weights. He shall cause to be kept a record of all such matters. He shall assign weighers to the places of weighing, and may transfer them from one location to another, as occasion may call for. He shall make such reports to the Superintendent and to the Board of Directors as may be designated by the Board of Directors. He shall collect or shall provide for the collection of fees for weighing, and shall pay into the Chamber of Commerce all such amounts; this provision not applying to charges for services of weighers represented by fixed amounts on a monthly basis. He shall furnish a bond as security for faithful performance of his duties, such bond to be in an amount required by the Board of Directors.

RULE 4.—Weighers shall keep correct records of the property weighed, in books kept for that purpose. Such records must show the kinds and amounts of property weighed, the dates on which it was weighed, the numbers and the initials of the cars from which it was weighed, or the cars into which it was weighed or transferred, and such other particulars as may be designated by the Board of Directors.

RULE 5.—Weighers shall examine the condition of every car they weigh, and shall make records accordingly, giving full particulars if the car be found in bad order in any way, and the nature of any damage, and whether the car was or apparently had been leaking, much or little.

RULE 6.—Weighers shall seal the cars with weigher's seals after the property has been weighed and loaded into the cars, such seals to be furnished by the Chamber of Commerce. It shall be misconduct for any person not a weigher to break a weigher's seal affixed to any car of grain or other produce. Cards shall be furnished by the Weighing Bureau, designating the initials and car numbers of cars officially weighed for shipment, indicating that such cars to which these cards are attached have been weighed by the Cincinnati Chamber of Commerce Weighing Bureau. Such cards shall be attached by the weigher to all officially weighed outgoing cars.

RULE 7.—Weighers shall make daily reports to the Chief Weigher, with such details as may be required by him for maintaining a complete record at the Weighing Bureau of all the work of the Weighers.

RULE 8.—The Chief Weigher shall be paid a salary by the Chamber of Commerce, to be fixed by the Board of Directors. The weighers under his charge shall be paid salaries by the Chamber of Commerce, to be fixed by the Board of Directors, and to be graded according to the importance and responsibilities of services and location, under recommendation of the Chief Weigher.

RULE 9.—Weighers shall be furnished to private elevators and private warehouses on application of proprietors thereof, and upon approval of the Board of Directors; and for such services of weighers they shall make payments to the Weighing Bureau on a monthly salary basis, to be fixed by the Board of Directors, but in no case to exceed sixty dollars per month.

RULE 10.—Superintendents of public elevators and superintendents of public warehouses may be appointed official weighers, without expense to the Chamber of Commerce or the Weighing Bureau. Weighers thus appointed shall act under the full control, supervision and direction of the Chief Weigher. For services of such weighers there shall be charged and paid into the Weighing Bureau the regular fees for all weighing done by them. They shall make reports to the Chief Weigher in the same manner required of all weighers under his charge. Weighers under appointment of the Weighing Bureau who are owners of wagon scales may issue official certificates for weights of commodities, of which they shall keep a record for the Weighing Bureau, and for compensation for such commodity weighing they may receive the fees charged for the weighing, making payment to the Bureau such amount as may be charged for certificates furnished for such purpose.

RULE 11.—In all cases where railroads entering Cincinnati shall establish, maintain and operate at their own expense suitable wagon scales, convenient to their regular unloading yards, and shall be represented by membership in the Chamber of Commerce, weighers shall be stationed at these scales by the Weighing Bureau. Sums sufficient to pay the salaries of weighers so furnished shall be paid by the railroad companies to the Weighing Bureau, and weighers so furnished shall be under the supervision and direction of the Chief Weigher, and shall make reports to the Chief Weigher, and for services of such weighers there shall be charged and paid into the Weighing Bureau the regulation fees, and such weighers shall in all respects act as required of other weighers.

RULE 12.—There shall be a number of weighers unassigned to any location sufficient to act in weighing grain, hay and other commodities where a weigher is not continuously located.

RULE 13.—All wagons to be used in the removal of contents of a car to be weighed must be weighed empty prior to loading from the car, and such wagons must be stripped of all movable covers, tarpaulins or other articles. All boxes attached to such wagons must be opened and inspected by the weighers before such wagons are weighed. Empty wagons must be weighed as often as the weigher requires. No wagon shall be allowed to go to cars after 6 o'clock P. M., or before 6 o'clock A. M., without the weigher having been notified of such intention and giving consent thereto. No sacks shall be allowed to be weighed in empty wagons.

RULE 14.—When weighing in carload lots on private track scales, weighers shall weigh gross and tare on the same day, and if any weather changes between time of weighing gross and tare during same day, then cars must be reweighed. If a car cannot be transferred on day of weighing gross, it must be reweighed on the day of transfer.

RULE 15.—When contents of a car are to be weighed on wagon scales, or at places where a weigher is not continuously located, the unloading must be completed by the buyer by or before the close of the day following the starting of the unloading, unless longer time be authorized by the Chief Weigher. Under any delay beyond the time so specified or authorized the car shall be closed and sealed by the weigher, and there shall be a charge of two dollars per car per day for the period of such delay, to be paid by the buyer to the Weighing Bureau.

RULE 16.—The charge for weighing shall be as follows: Where a weigher is continuously located, fifty cents per car for grain and one dollar per car for hay; where a weigher is not continuously located, one dollar per car for grain and for hay. For weighing commodities other than grain, hay, feed and seeds, weighers may charge not exceeding \$1.50 per car for potatoes and onions, \$1.00 per car for cabbage, \$1.00 per car for pig iron, and other products; single wagon lots, one horse wagon, 10 cents; two horse wagon, 15 cents; four horse wagon, 25 cents.

RULE 17.—Where weighers are furnished to private elevators and private warehouses, the proprietors thereof shall, in addition to the monthly salary payment to the Weighing Bureau, pay fifteen cents per car for grain weighed in, and thirty cents per car for hay weighed in; these additional payments to apply toward cost of maintenance of the Bureau.

RULE 18.—The fee for weighing shall be paid by the shipper. Where the fee is one dollar per car for weighing grain, the seller may charge the buyer one-half of the weighing fee. On all transactions representing purchases on track or to arrive, when bought on Cincinnati weights, or shipped on consignment on such terms, official weights shall govern, and official certificates shall be furnished the seller or consignor.

RULE 19.—Weighing of grain, hay and feed shall be at the place of delivery, unless otherwise agreed between seller and buyer; the place of delivery to include any point where the Chamber of Commerce maintains a weigher.

RULE 20.—Official certificates of weight shall be issued by weighers acting under the Chamber of Commerce, such certificates to be of such form as authorized by the Board of Directors. Official certificates must show the entire contents of each car unloaded, designating the number of bales or sacks, if so loaded, and must show the initial and car number from which the property was unloaded. For grain, hay or feed, certificates shall report also the condition of the car, with such other details as the nature of the case calls for. Original and duplicate certificates shall be furnished to the party ordering the weighing, and if the weighing is not by order of the seller he shall be entitled to receive a copy of the certificate.

RULE 21.—At all places where a Chamber of Commerce weigher is located, all grain, hay or feed shall be weighed when loaded out in carload lots, but there shall be no fee charged for this weighing out.

RULE 22.—Upon application or request of railroad companies maintaining wagon scales as provided for in these rules, and in consideration thereof there shall be furnished to such railroad companies by the Chief Weigher, official Chamber of Commerce certificates on any property that shall have been weighed by the Weighing Bureau, and in which the railroad companies applying for certificates may be interested; provided, however, that any railroad company not having established wagon scales as provided for in these rules, shall be furnished with official Chamber of Commerce certificates on any property that shall have been weighed by the Weighing Bureau, and in which the railroad company so applying may be interested, upon the payment of a fee of fifteen cents per car for all certificates so requested.

RULE 23.—No weigher acting under the Chamber of Commerce shall be permitted to weigh commodities in which he is interested as buyer or seller.

The Weighing Bureau began operations January 16, 1906, under these rules.

RULES GOVERNING THE FLOUR TRADE.

RULE 1. The Board of Directors shall have power to appoint a Flour Inspector, who shall receive compensation for inspection services by fees charged and collected by him, or by employment by the Chamber of Commerce under a fixed salary, as may be determined upon by the Board of Directors. If the service be performed under salary arrangement the fees for inspection shall be paid into the treasury of the Chamber of Commerce. The Flour Inspector shall give bond to the satisfaction of the Board of Directors for faithful performance of his duties; such bond shall provide for and be surety for damages assessed against him by the Flour Inspection Committee. The Board of Directors shall have power to suspend or dismiss an Inspector at any time. An Inspector shall not be directly or indirectly engaged in the Flour trade.

The Flour Inspector, if appointed and serving on a salary basis, shall perform all clerical work incident to his official duties; he shall collect all inspection fees due for his services, and shall account to the Chamber of Commerce for all moneys collected by him for inspection, or from other sources, such settlements with the Chamber of Commerce to be made at the end of each week. On

the first day of each month he shall render a statement to the Superintendent of the Chamber of Commerce, showing the number of barrels or sacks of flour inspected during the preceding month, with names of persons for whom the inspections were made, and the amount collected and remaining due, with names of persons so represented. . He shall furnish such other information pertaining to his office as the Board of Directors may call for. He shall keep an accurate record of his inspections, which shall be available at all times for examination of the Superintendent of the Chamber of Commerce, or of any person acting for him. All expenses, including employment of deputies or assistants, incurred by the Inspector in the performance of his official duties shall be assumed and paid by him.

RULE 2. The Inspector shall, when directed, carefully inspect Flour submitted to him, and decide on its grade and soundness, being governed by the standards furnished by the Flour Inspection Committee, and may brand it, using stencils indicating grade and Cincinnati Chamber of Commerce inspection, and the month in which it is inspected in numerals. An appeal may be taken to the Flour Inspection Committee from the decision of the Inspector, and he shall brand the Flour according to the decision of said committee.

RULE 3. The Inspector, failing to grade Flour in accordance with the standards furnished, shall be liable for any damage resulting from such failure, and shall be subject to pay such fines as the Flour Inspection Committee may deem proper to impose.

RULE 4. Flour offered for inspection or examination shall be placed in such a position that it may be carefully examined by the Inspector; and should the owner or buyer, upon removing the Flour to his store or warehouse, find any of it not inspected, it shall be the duty of the Inspector to complete the inspection of said Flour upon the request of either the owner or buyer.

RULE 5. The fee for inspection of Flour shall be two (2) cents for each barrel inspected, to be paid by the receiver or owner. Flour drawn from the barrels shall be disposed of for account of the Chamber of Commerce, if inspection service is by salary, otherwise for account of the Inspector.

RULE 6. The scoop used by the Inspector shall not exceed one inch in diameter and thirty-two inches in length, exclusive of the shank of the handle, and not more than one scoopful shall be drawn from each barrel.

RULE 7. The Inspector shall, at the request of the party for whom the Flour is inspected, furnish certificate stating brand, number of barrels, and grade; and if the barrels of any lot of Flour are short in weight, not head-lined, or unfit for the proper conveyance of Flour, it shall be his duty to insert same in his certificate.

RULE 8. The Inspector shall, without extra charge, weigh at least one (1) barrel of each twenty-five (25) barrels inspected, when packed in wood, or an equivalent amount when packed in sacks, and if found to be below the weight of the standard weight of the package, he shall not brand it but shall notify the party who ordered the inspection.

RULE 9. The standard weight of a barrel of Flour shall be one hundred and ninety-six (196) pounds net. When Flour is sold in sacks, and sacks included, the gross weight shall be considered as actual weight, and in collating the result any overweight shall be taken to offset an equal amount of light weight.

RULE 10. Any defacing or changing of any Inspector's brand or marks placed by him on barrels or sample bags, by any person or persons, shall be reported by the Flour Inspection Committee to the Board of Directors; but the Inspector's brands on the barrels may be entirely removed, leaving the Flour to stand the same as if it had never been inspected.

RULE 11. Sales of Flour shall be for cash on delivery, unless otherwise agreed. If delivery is delayed for convenience of buyer, the terms shall be cash on presentation of the bill. If payment of bill is refused for supposed light weight or damage, or error in the account, no greater amount shall be withheld than the damage, loss or error claimed.

RULE 12. When Flour is sold by sample or grade guaranteed, it must be inspected at the place where sold (there being no agreement to the contrary), and if not equal to sample, seller shall be compelled to furnish flour equal to sample or to make satisfactory settlement with the purchaser. If no agreement can be made, the settlement shall be determined by the Flour Inspection Committee, whose decision shall be binding.

RULE 13. A rejection of Flour shall not be valid unless notice thereof in writing shall be given the seller within forty-eight hours after the delivery. In case of Flour at railroad depots, wharves, or general storage warehouse, delivery of the railroad notice or order on the railroad company or warehouse to the purchaser shall constitute a tender of delivery.

RULE 14. Flour shall not be considered in merchantable condition unless in good barrels and head-lined, or in good sacks. Flour when sold in barrels and not head-lined may be head-lined by the buyer at an expense not to exceed two (2) cents per barrel, at the expense of the seller, unless otherwise agreed.

RULE 15. All Flour sold at railroad depots; or river or canal landings, shall be at the risk of the buyer after six o'clock in the afternoon of the day following the day on which the order is given for the same.

RULE 16. Sales of Flour may be entered on the Sales Book of the Chamber, but all sales recorded must be "cash" sales, and if not "cash" sales the condition of sale must be expressed.

RULE 17. Sales can not be recorded unless grade is established by inspection, and if grade is not established by inspection they can be recorded as sold "by sample."

RULE 18. Sales recorded upon the Sales Book will be recognized as reflecting the daily market values, and in the event of no sales being recorded it shall be the duty of the Market Reporter to call upon the Quotation Committee, whose duty it will be to make the quotation upon that day.

RULE 19. The standards of grades of Flour shall be as follows: *Winter Wheat*—Patent, Fancy, Family, Extra. *Spring Wheat*—Patent, Fancy, Family.

RULE 20. The Board of Directors shall, annually, after their election, in the month of February, appoint a Committee on Flour Inspection, consisting of five (5) competent members of the Cincinnati Chamber of Commerce who are known as members of the Flour trade. It shall be the duty of this committee to properly discharge the obligations imposed upon them, to consider and decide all disputes pertaining to matters of inspection arising between members dealing in Flour which may be submitted to them. A majority of the committee shall constitute a quorum, and a decision of a majority of those present shall be final and binding.

RULE 21. It shall be the duty of the Flour Inspection Committee to exercise general supervision over the inspection. They shall, each year, within two weeks after their appointment, establish standards of Flour for the following year, and secure and place in boxes in the Exchange Hall, for the use of the Inspector and dealers, and every three months renew fresh standards, but not with a view of changing the standards established.

Adopted by the Board of Directors, December 5, 1904.

RULE GOVERNING SALES OF HOGS.

In sales of Live Hogs, dockage shall be allowed on the following basis: On animals weighing over two hundred (200) pounds—Stags, eighty (80) pounds; Piggy Sows, forty (40) pounds. On animals weighing two hundred (200) pounds and under—Stags, forty (40) pounds; Piggy Sows, twenty (20) pounds.

The dockage to be agreed upon by the buyer and seller; in case of any dispute, then a third party shall be called in to decide the proper dockage, and the party losing shall pay to the arbitrator one (1) dollar for each and every time he shall serve.

RULES FOR THE GOVERNMENT OF THE PROVISION TRADE.

RULE 1. The Committee on Provision Inspection shall act as referees in all cases of complaints against Inspectors, or the inspection of any lot of Provisions, or any matters of business pertaining to the same; but the buyer shall, in all cases, have the right to designate his own Inspector; but in case the seller feels that injustice is being done, he shall have the right to call upon the Committee of Inspection, whose decision shall be final and binding. Any Inspector agreed upon by parties to a transaction, shall be regarded as a regularly authorized Inspector, subject to the rules of the Chamber, and the Committee on Provisions shall constitute the committee on reference.

RULE 2. Pork products packed between November 1st and March 1st shall alone be classed as "Standard."

RULE 3. In sales of fully cured Meats, or to be fully cured and delivered at a specified time, the seller must deliver in good faith according to contract, the Inspector to be the judge, who shall always be fully informed of the conditions of the contract before proceeding to inspect. Where sales of Dry Salted Meats are made without other specifications, it shall be considered that the sales contemplate Meats fully cured, the Inspector to be the judge.

RULE 4. In case of no specific agreement, the saltage allowed on Bulk Meats shall be one (1) per cent. from the 1st of November to the 1st of May; but should the buyer or seller object, the Inspector shall sweep as many drafts as he may consider necessary, and the percentage thus obtained shall be binding on both parties. But from the 1st of May to the 1st of November, the tare shall be ascertained by washing in cold water with a cloth, in case of no special agreement to the contrary. A drainage of four to five per cent. shall be allowed on Pickled Hams and Shoulders.

RULE 5. To determine the tare on Lard, the package shall first be weighed gross, the Lard then removed, and the empty package subjected to dry heat and drained; after which the empty package shall be weighed, and its weight deducted from the gross weight. The difference thus obtained shall be considered the net weight of the Lard.

RULE 6. Three hundred and forty pounds, net, shall be the average weight of a tierce of Lard upon which all settlements with contractors shall be based; but the number of packages the contract calls for must be delivered, and the difference, if any, settled at the market price on the day of delivery. At least two tierces in one hundred shall be stripped to determine the average tare.

RULE 7. Five hundred pounds, net, shall constitute a box of Cumberland Middles, and four hundred and seventy-five to five hundred and twenty-five pounds, net, shall constitute a box of all other English cuts of Middles, Shoulders and Hams, and all boxes containing over five hundred pounds of Meat to have a third strap around the box. All settlements of contracts shall be made on a basis of five hundred pounds per box, net, for Cumberland cut, and for all other English cuts of Meats.

RULE 8. If, on inspection of a fair sample of Bulk Meats, twenty (20) per cent., or over, is found to be sour, the buyer shall not be required to take the lot.

RULE 9. All the foregoing rules must be justly and liberally construed, and no property shall be rejected or condemned on a mere technicality.

RULE 10. Contracts for 100,000 pounds of bacon or dry salted meats, loose, or for a larger amount, deliveries can be made on seller's option, or called for on buyer's option, in quantities of not less than 100,000 pounds.

Contracts for 100 tierces of hams, or shoulders in pickle, smoked or canvased, or for a larger amount, deliveries can be made on seller's option, or called for on buyer's option, in lots of not less than 50 tierces, nor less than 50 tierces of one brand.

Payment to be made as lots are delivered.

RULE 11. It shall be the duty of the Inspector of Provisions to weigh stuff when called upon, receiving therefor a fee of five (5) cents per each one thousand (1,000) pounds, in addition to the inspection fee—the party ordering the weighing to be responsible for the fee.

RULE 12. The Inspector shall keep a record, in detail, of every examination he may make, that he may be qualified to testify positively in event of a dispute.

RULE 13. For the examination of provisions sold as "Regular," it shall be the duty of the Inspector (or his deputed assistants), on receiving notice, to go to any packing house or warehouse in the city to examine provisions in such quantities as may be required, selecting the same in such manner, from the lots specified, as in his judgment will give a fair sample of the whole.

RULE 14. If upon examination it is found in all respects up to the requirements, according to the classification or grades adopted by the Chamber of Commerce, he shall issue certificates to that effect.

When necessary to remove property for the convenience of examination, it shall be the duty of the Inspector to send for the same, that a fair sample may be obtained.

In no case should a certificate be granted on samples delivered by the seller.

RULE 15. The Inspector shall be entitled to receive as compensation for examining Provisions, as follows: For Beef and Pork, in barrels, five dollars for the first five barrels, the Inspector furnishing labor and other requirements, and seeing that the property is properly repacked and rebrined, and fifty cents for each additional barrel examined—payable by the buyer if regular, and by the seller if rejected, and cartage when removed; and for Bulk, Bacon or Boxed Meats, fifteen cents per one thousand pounds, payable by the buyer. For inspecting Lard, five cents per package, payable by the buyer if accepted, or by the seller if rejected; and for stripping Lard, one dollar per package, to be paid by the buyer. Five barrels of Pork or five tierces of Lard to be sufficient to sample any lot sold, unless otherwise agreed between buyer and seller.

RULE 16. It shall be the duty of the Inspector, when requested by the owner, either at any packing house, warehouse, or in yards provided by the Inspector, to overhaul and inspect Provisions according to the qualifications and classifications authorized; two hundred pounds of meat, with abundance of good salt, to be repacked in each barrel, and cooperage to be put in good order. Each barrel of Provisions that is sound, sweet, and free from any and every defect, to have grade and date of inspection branded thereon, and the word "Repacked," as hereinafter specified; and any portion that is defective, to be branded in like manner "Rusty," "Sour," or "Tainted," as the case may be; the said brand to be placed, with the Inspector's brand, across the regular packer's brand, such Pork, according to the grade or quality, to be classed as "Repacked, 200 pounds."

RULE 17. The Inspector shall use metallic letters and figures or marking iron for his dates and classes of inspection.

RULE 18. It shall also be the duty of the Inspector to put his metallic brand or marking iron on samples of Provisions in packages that he inspects; and he shall pass no Pork products as "Regular" unless the real packer's name of the product contained therein is branded, according to these rules, on the head of each package.

RULE 19. In all cases of sales of Provisions as "Regular," the Inspector shall examine and inspect when called on; and if the property be up to the requirements, he shall issue a certificate simply for so many barrels or packages of product (naming it), for so many pieces or pounds of meat (naming the kinds).

RULE 20. Should the Inspector be called on to inspect Pickled Meats, and upon examination he should be of the opinion that the number of pounds required by these rules had not been packed, he shall not pass it as "Regular," but shall refer it at once to the Inspection Committee, who shall investigate, and if a satisfactory explanation can be given or arrived at, they shall instruct the Inspector to proceed and inspect and pass it; but if not satisfactory to the Committee, they shall, in their judgment, make the fact known to the Provision Trade in any way they may think proper.

RULE 21. All "Hog Products" to be "Regular," must be from corn-fed slaughtered hogs, not frozen before cutting, and shall average not less than twelve pounds for Shoulders, or thirty pounds for Sides, and must run at least eighty per cent. sweet.

No hogs shall be killed on the same day on which they arrive at the pens of the slaughter-house.

RULE 22. Where Meat is in store, it shall be weighed and inspected in store; where Meat arrives by river, rail or canal, it shall be inspected and weighed at house of buyer.

RULE 23. In all sales of Provisions for future delivery, either party may call for a margin, at any time, unless it is expressly understood between the parties, at the time the contract is entered into, that such call can not be made. In the absence of a special contract, either party shall be entitled to a margin equal to ten (10) per cent. of the market value of the article contracted to be delivered, the same to be kept good. Twenty-four (24) hours notice in writing to residents, and forty-eight (48) hours notice in writing or by telegraph to non-residents, shall be given on a call for a margin, and where a party fails to respond to such call within the said time, the property may be sold at public auction, on the floor of the Merchants' Exchange, during 'Change hours, on the following day, "for account of whom it may concern."

RULE 24. All barreled Provisions offered for sale as "Regular" in this market must be cut, selected and packed, in all respects, as to quality and condition, equal to the classification of inspection as adopted by the Chamber of Commerce.

RULE 25. Unless otherwise stipulated, in all sales made of any of the grades of Provisions represented as "Regular," the seller shall be bound to fulfill his sale by the delivery of the quality called for by such sale, and which, on examination by the Inspector, has been certified by him to have been packed according to the classification, and is, at the time of delivery, in good merchantable condition in every respect.

Provisions from which any surplus gain has been removed, can not be classed as "Regular."

RULE 26. All Provisions sold in this market, in the absence of special agreement, shall be deemed "Regular," and the property must comply with the requirements of the Rules of Inspection of the Board. All Provisions sent to this market for sale, which are, in all respects, in conformity with these rules, shall be classed as "Regular."

RULE 27. No original weight shall be taken out of any package of Provisions, without removing the original packer's brand *entirely* from the head of the package, and the brand "Repacked" burned in the head distinctly.

RULE 28. In all cases, Product should be sold "Regular," but in case a particular brand is sold, and, upon examination, the Product will not inspect "Regular," the buyer shall elect to take another brand, or the difference in value of the special brand shall be settled between the buyer and seller.

RULE 29. On sales of Provisions for future delivery, on buyer's option, if the buyer call before the expiration of the month of contract, the seller, if he so elect, shall in case of barreled meats and lard in tierces, have two working days' notice, and for boxed meats, pickled or smoked hams, and shoulders in tierces, or dry salted meats, four working days to prepare property for delivery; and when, at the option of seller, the seller tenders before the expiration of the month of contract, the buyer, if he so elect, shall have the same time to prepare for receiving the same.

RULE 30. Buyers of Provisions on time contracts shall have the right to inspect before the day of delivery, provided they send an Inspector in time to allow the inspection to be completed before the expiration of the contract; but, failing to do so, the seller shall have the privilege of having the property inspected, the cost to be paid by the buyer.

RULE 31. Where the buyer of Provisions fails to avail himself of the privilege of inspection, in the absence of any special agreement upon the part of the seller to guarantee his product, the liability of the seller shall, as to quality, saltage and weights, cease when the product shall have left his house.

RULES GOVERNING INSPECTORS, WEIGHERS, MEASURERS AND GAUGERS.

RULE 1. Inspectors, Public Weighers, Measurers and Gaugers, appointed by the Cincinnati Chamber of Commerce, are not allowed to inspect, weigh, measure or gauge any commodity in which they are directly or indirectly interested.

RULES FOR THE CUT AND MANUFACTURE OF THE HOG PRODUCT.

BARRELED PORK.

MESS PORK.—Mess Pork shall be cut and packed from Sides of well-fatted Hogs, in strips; the Hog to be first split through the backbone, or, if split on one side, then an equal proportion of hard and soft sides, as they are termed, must be packed, properly flanked, and not back-strapped. One hundred and ninety pounds of green meat, numbering not over sixteen pieces, including the regular proportion of flank and shoulder cuts, four layers placed on edge, without excessive crowding or bruising, must be packed into each barrel, with not less than thirty-five pounds of good foreign, or forty pounds of good domestic, coarse salt, and filled up with good, clear brine, as strong as salt will make it. The pork to be cut reasonably uniform in width. The packer's name and location, the date of packing, and the number of pieces and pounds of green meat in each barrel must be branded on the head with a metallic brand, marking-iron or stencil brand, at the time of packing.

PRIME MESS PORK.—Prime Mess Pork shall be made of the Shoulders and Sides of nice, smooth, fat Hogs, weighing from 100 to 160 pounds, net, regularly cut into square pieces, as near four pounds each as possible, the shank to be cut off close to the breast. Each barrel to contain one hundred and ninety pounds of green meat, in the proportion of twenty pieces of shoulder and thirty pieces of side cuts, and to be packed with twenty pounds of good coarse salt, with the addition of eight ounces of saltpeter. The Prime pieces should be cut clear of the blade-bone. The shoulder pieces not to exceed eighty-five pounds in each barrel.

EXTRA PRIME PORK.—Extra Prime Pork shall be made from heavy, untrimmed Shoulders, cut into three pieces, the leg to be cut off close to the breast, to be packed one hundred and ninety pounds of green meat into each barrel, with the same quantity and quality of salt as Mess Pork.

LIGHT MESS PORK.—Light Mess Pork shall be made from the Sides of reasonably well-fatted Hogs, and in all other respects to be cut, selected, and packed the same as Mess Pork, except that as many as twenty-two pieces may be put into each barrel.

FAMILY MESS PORK.—Family Mess Pork shall be made from Backs of Hogs, after bellies have been taken off, cut into pieces about six pounds each, and in all other respects to be selected and packed in the same manner as Mess Pork.

EXTRA SHOULDER PORK.—Extra Shoulder Pork shall be made from heavy, trimmed Shoulders, cut into three pieces; the leg to be cut off close to the breast, and in all other respects selected and packed in the same manner as Extra Prime Pork.

EXTRA CLEAR PORK.—Extra Clear Pork shall be made from the Sides of extra heavy, well-fatted Hogs, the back-bone and ribs to be taken out, the number of pieces in each barrel not to exceed fourteen, and in all other respects to be cut, selected, and packed in the same manner as Mess Pork.

CLEAR PORK.—Clear Pork shall be made from the Sides of extra heavy, well-fatted Hogs, the back-bone and half the rib next to the back-bone to be taken out, the number of pieces in each barrel not to exceed fourteen, and in all other respects to be cut, selected, and packed in the same manner as Mess Pork.

CLEAR FAMILY MESS PORK.—Clear Family Mess Pork shall be made from the Backs of heavy well-fatted Hogs, after bellies have been taken off and back-bone and ribs taken out, cut into pieces of about six pounds each, and in all other respects to be packed in the same manner as Mess Pork.

RUMPS.—Rumps shall be trimmed with only enough taken off to make them neat and smooth, the tails cut off close, each barrel to contain one hundred and ninety pounds of green meat, packed in the same quantity and quality of salt as Mess Pork, and the number of pieces to be similarly branded on each barrel at the time of packing.

PICKLED MEATS.

STANDARD SWEET PICKLED HAMS.—Standard Sweet Pickled Hams shall be cut short, and well rounded at the butt, properly faced, shank cut just in or above the hock-joint, to be reasonably uniform in size and average. Three hundred pounds, block weight, shall be placed in each tierce.

STANDARD SWEET PICKLED SHOULDERS.—Standard Sweet Pickled Shoulders shall be well cut and trimmed, shank out in or above the knee-joint, to be reasonably uniform in size. Three hundred pounds, block weight, shall be packed in each tierce.

NEW YORK SHOULDERS.—New York Shoulders shall be made from small, smooth Hogs, shank cut off one inch above knee-joint, trimmed close and smooth, reasonably uniform in size, and to average, in lots, not to exceed twelve pounds. Three hundred pounds, block weight, shall be packed in each tierce.

SWEET PICKLED BELLIES.—Sweet Pickled Bellies shall be made from nice, smooth Hogs, well cut and trimmed, to average in lots, not to exceed ten pounds. Three hundred pounds, block weight, shall be packed in each tierce.

BRANDING.—The packer's name, location, number of pieces and date of packing shall be branded on the head of each package of Pickled Meats at the time of packing.

UNIFORMITY OF PICKLED MEATS.—All Pickled Meats shall be sized when packed—the light, medium and heavy separately, as near as practicable.

CUT MEATS.

HAMS.—Hams shall be cut short, well rounded at the butt, properly faced, cut just in or above the hock-joint.

SHOULDERS.—Shoulders shall be cut at right angles to the side, and as close as possible to the back part of the fore arm-joint, butted off square on top, neck-bone and short ribs taken out, blood-vein lifted and cut out, breast-flap to be trimmed off, and foot to be cut off in or above the knee-joint.

BLADED SHOULDERS.—Bladed Shoulders shall be cut the same as "Standard Shoulders," excepting the shoulder-blade to be taken out and the corners rounded.

BLADE SHOULDERS.—Blade Shoulders shall be cut with neck removed, blade left in, properly rounded, short shank, and to weigh not less than six pounds nor more than ten pounds.

ROUGH SIDES.—Rough Sides shall be made by splitting the Hog through on one side of the back-bone, and an equal proportion of both Sides must be delivered on sales, to make them "Standard."

SHORT CLEAR SIDES.—To make Short Clear Sides, the back-bone, breast-bone, and ribs shall all be taken out, and hench-bone sawed down smooth and even with the face of the Side, feather of blade-bone not to be taken out, edges to be left smooth, Sides not to be back-strapped or flanked.

SHORT RIB SIDES.—To make Short Rib Sides, the back-bone should be taken out, hench-bone and breast-bone sawed or cut down smooth and even with the face of the Side, feather of blade-bone not to be taken out, and side not to be back-strapped or flanked.

LONG CLEAR SIDES.—To make Long Clear Sides, the back-bone, shoulder-bones, ribs, and breast-bone must be taken out, leg cut off close to the brisket, hench-bone sawed down smooth and even with the face of the Side, and the Sides not to be back-strapped or flanked.

CUMBERLAND SIDES.—To make Cumberland Sides, the Side and Shoulder should be left together in one piece; foot cut off in or above knee-joint; shoulder ribs, neck-bone, and back-bone taken out; blood-vein lifted and cut out; hench-bone and breast-bone sawed or cut down smooth and even with the face of the Side, and Sides not be back-strapped or flanked. Ribs must not be scribed.

LONG RIB SIDES.—Long Rib Sides to be made same as Cumberlands, except that the shoulder-bones must be taken out, and leg cut off close to the brisket.

STRETTFORD SIDES.—Stretford Sides shall be made from Hogs weighing about 140 to 160 pounds, net; back-bone and half the ribs taken out, blade-bone taken out, knuckle left in, and leg cut off close to the breast.

BIRMINGHAM SIDES.—Birmingham Sides shall be made from Hogs weighing about 170 pounds net; back-bone, ribs, and blade-bone taken out, pocket-piece cut out, and pocket nicely rounded, knuckle-bone left in, and leg cut off close to the breast.

SOUTH STAFFORDSHIRE SIDES.—South Staffordshire Sides shall be made the same as Birmingham, except loin taken out full to top of shoulder-blade, leaving only a thin strip of lean along the back; knuckle left in, and leg cut off close to the breast.

YORKSHIRE SIDES.—Yorkshire Sides shall be made the same as Cumberlands, with the ribs out, the leg cut off about two inches above the knee.

IRISH CUT SIDES.—Irish Cut Sides shall be made the same as Long Clear, except top of the pocket cut off, knuckle-bone left in.

LONG HAMS.—Long Hams shall be cut from the Side by separating with a knife the hip-bone from the rump, properly rounded out, foot unjointed at first joint below the hock-joint.

SOUTH STAFFORDSHIRE HAMS.—South Staffordshire Hams shall be cut short, hip-bone taken out at the socket-joint, hock unjointed at first joint below the hock-joint.

UNIFORMITY OF BOXED MEATS.—In packing Meats in boxes, the pieces shall be classified—the light, medium and heavy separately, as nearly as practicable, in packages made to suit the different sizes.

LARD.

CHOICE LARD.—Choice Lard to be made from leaf and trimmings only, either by steam or kettle-rendered, the manner of rendering to be branded on each tierce.

PRIME STEAM LARD.—Prime Steam Lard shall be standard, made from head, gut fat, leaf and trimmings, in the proportion in which the same come from the Hog.

CURRENT MAKE LARD.—Current Make Lard shall be standard, made from head, gut fat, leaf and trimmings, in the proportion in which the same come from the Hog; white and sweet; steam rendered.

RULES GOVERNING REPORTS OF SALES.

RULE 1. "Time Sales" may be entered on the daily Sales Book of the Chamber, with this condition specified.

RULE 2. Sales entered without conditions, will be understood to mean cash sales.

RULE 3. Sales in settlement of contracts, without the *bona fide* transfer of property, must not be entered as cash sales, but as "sales in settlement."

RULE 4. Sales consummated on refusals given the day before, may be entered with the conditions expressed.

RULE 5. Sales made up to 1:30 o'clock only, may be reported as late as 1:45 o'clock. Sales made after 1:30 o'clock may be reported the next day and entered as sales made "last evening."

RULE 6. All challenges of sales entered on the Sales Book must be made on the day of entry.

RULE 7. Entries on the Exchange Sales Book of sales of Grain and Hay are not to state grades, except when officially inspected. Other sales to be entered as "by sample."

Sales of Wheat.—No. 2 Red Winter Wheat, and sales by sample of sound grain testing over fifty-nine pounds, and not over sixty pounds, shall be recorded as "heavy." Grain testing over sixty pounds shall be recorded as "extra heavy."

Sales of Corn.—No. 2 Mixed or No. 3 Mixed Corn, when the inspection sample so shows, shall be recorded as "nearly yellow" or "nearly white." Ear Corn shall be designated as "poor," "sound," or "choice," and as "sound mixed nearly yellow," or "sound mixed nearly white," etc., as the case may be.

Sales of Oats.—Oats shall be designated as "light weight," or "heavy," as the case may be, with reference to the basis of weight in force, as established for the inspection from time to time. Also, as "nearly white," or "nearly black," as the case may be. Off-grade Oats should be designated as "poor," "good," etc., as the case may be.

RULE 8. Challenges of sales entered on the Sales Book shall be made to the Superintendent, and it shall be the duty of the Superintendent to at once institute an investigation of facts incident to the reported sale, whereupon, if the result shall justify and confirm the entry, it shall stand, otherwise it shall be removed under order of the Superintendent. On finding irregularity in any such entry, under investigation, it shall be the duty of the Superintendent to report accordingly to the Chairman of the appropriate Inspection Committee, whereupon such committee shall proceed to a formal investigation of all the facts in the case, and if it be found that the entry misrepresented the conditions attending the transaction, the said committee shall report to the Board of Directors the result of such investigation, upon which the Board may order that the offending party shall be reprimanded, or may order that an announcement be made on 'Change that the offending party has been found guilty of serious irregularity in reporting an entry for the Sales Book, which announcement shall constitute the penalty for such offense. Whenever it shall come to the knowledge of the Superintendent that any member of the Association calls in question the accuracy of an entry on the Sales Book, even though no formal challenge be made, the Superintendent may, at his discretion, proceed to investigate the case in the same manner and with incident action as if a formal challenge had been reported.

RULE 9. Reports of sales should be made promptly after the transaction is consummated, and may be made by either seller or buyer. If reported by the buyer, the entry clerk should ask for name of the selling party, in order to avoid duplication.

RULE 10. The entry clerk shall ask the member reporting a sale for any information deemed essential to an accurate understanding of the transaction. If such information be refused, the entry clerk shall so report to the Superintendent, who will, at his discretion, investigate the matter, and, if regarded as of sufficient importance, may report to the Board of Directors accordingly.

RULE 11. Entries of sales shall not include transactions with nonmembers. Sales made between members elsewhere than on 'Change, if reported, should be qualified by notation on the Sales Book, "off 'Change," with also the designation "to-day" or "late yesterday," as the case may be, the latter implying a transaction after 'Change of the day preceding the entry.

RULE 12. An entry of a sale for delivery at a point not represented by regular freight and usual charges shall state "Delivery beyond Cincinnati rate point," or other qualification, reflecting conditions attending the transaction.

RULE 13. Sales for delivery at a point where there is a switching charge should indicate the amount of such charge, and if paid by the buyer should be so stated; otherwise, the entry to imply that the cost is assumed by the seller. When sales require delivery to be made by the seller, the cost of delivery shall be indicated in the entry, at the rate per 100 pounds, or per ton, or for switching per car, etc., as the case may be.

RULE 14. When sales are made to arrive for delivery at a Cincinnati rate point, the entry shall so specify.

RULE 15. Deliveries applied on contracts shall not be entered on the Sales Book.

RULE 16. Sales on the river landing shall so indicate in the entry.

RULE 17. Reports of sales of grain shall represent the following stated quantities as representing car loads: Wheat, 1,000 bushels; Shelled Corn, 1,000 bushels; Ear Corn, 700 bushels; Oats, 1,500 bushels; Rye, 1,000 bushels; Barley, 1,000 bushels.

RULES GOVERNING THE BUTTER AND CHEESE TRADE.

RULE 1. The following rules shall govern the purchase and sale of Butter and Cheese by and between members of the Cincinnati Chamber of Commerce, other than specially provided for by the Call Board rules.

RULE 2. There may be a Call for the purchase and sale of Butter, Eggs and Cheese, or Butter, Egg and Cheese contracts during 'Change hours on all business days. The Call shall be after such forms as the Board of Directors may adopt, and shall be made to cover all grades of Butter and Cheese, and may be varied during the different seasons as may be required.

RULE 3. An Inspector shall be appointed by the Board of Directors, who may be called upon by either the buyer or seller, who shall, when so called, inspect all Butter and Cheese. His compensation shall be as follows: two (2) cents per hundred pounds; but no fees shall be less than fifty (50) cents. The party against whom the decision is rendered shall pay the Inspector's fee. Sales shall be deemed as binding unless the goods sold prove, upon inspection, to be inferior to the grade specified in the sale. In event of a dispute upon the grade between the buyer and seller, if either party shall feel aggrieved by the decision of the Inspector, they shall have the right to appeal to three members of the Chamber, one to be chosen by the buyer, and one by the seller, who, failing to agree, shall select a third, and their decision shall be final. If a decision shall be rendered in favor of the seller, the buyer shall be bound to receive the goods at the price stipulated at the time of purchase. When a decision is rendered in favor of the buyer, the seller shall make good the delivery of other goods of equal quality and grade previous to 3 P. M., or pay the penalty, and all expenses shall be borne by the party against whom the decision is given.

RULE 4. Transactions in Butter and Cheese for immediate delivery shall be deemed as consummated upon announcement of the purchase or sale under the Call, or elsewhere between members. The penalty for non-fulfillment of contract on the part of either buyer or seller shall be five per cent. of the contract price of the goods, except in the transactions of future delivery of Butter and Cheese, where the penalty shall be the difference between the contract price and the market price of the goods on the day on which the fulfillment of the contract shall be demanded, which difference shall be settled by the Butter and Cheese Inspection Committee. But nothing in this rule shall be construed to prevent a different settlement by mutual agreement. Settlement for future deliveries shall be made on the basis of sixty (60) pounds for tubs, and one hundred (100) pounds for firkins.

RULE 5. All sales by members on 'Change of Butter and Cheese shall be considered as cash, unless otherwise agreed between buyer and seller.

RULE 6. No reclamation for tare on butter packages shall be allowed unless returned within one week from date of sale.

CLASSIFICATION OF BUTTER.

CREAMERY.--This grade shall be composed of the highest quality of Eighth, Ohio, Indiana and Western; fresh, sweet, and uniform in color, in regular style new packages.

No. 1 Dairy.--Butter of this grade shall be of the highest grades of butter made, outside of creameries, and shall be in regular style of packages, fresh, sweet, and uniform in color.

No. 2 Dairy.--Butter of this grade shall be comprised of sweet butter, but of uneven color and style of package.

No. 3 Dairy.--Butter of this grade shall consist of all grades between the quality of two poor for No. 2 Dairy and the best grades of Grease Butter.

CLASSIFICATION OF CHEESE.

FANCY.--Shall be full cream, perfect in flavor, close made, fine texture, well cured, of uniform color and perfect surface. Boxes to be in good order.

CHOICE.--Shall be slightly, or what is understood in this market as part skimmed, clean flavored, good texture, good surface, and boxes in good order.

On all Cheese offered, the seller shall designate in what section of the country they are made; also state quality and grade. Known marks may be offered on their reputation and may not be full cream.

Off flavored, out of condition, hard skinned, and any grade not classified, may be offered, subject to inspection, by the buyer.

RULES GOVERNING THE EGG TRADE.

RULE 1. The following rules shall govern the purchase and sale of Eggs by and between members of the Cincinnati Chamber of Commerce, other than specially provided by the Call Board rules.

RULE 2. Parties offering Eggs for sale under the Call shall, when required, name the State where the Eggs were put up or forwarded; or they may be offered by the designating mark, or the mark or name by which they were known in the trade. When Eggs are offered and purchased by their designating mark, or the mark or name by which they are known in the market, there shall be no difference as to quality or condition. The purchaser must accept the Eggs unless it is shown that they have been damaged by some accident, or put up with some evident intent to defraud, or have been held for speculation, or otherwise, out of the regular course of shipments.

RULE 3. Eggs shall be classified as follows: Firsts, Seconds and Thirds. This classification, together with naming the locality in which the Eggs are put up, shall be the form of offering Eggs on Call or elsewhere, when they are not known by marks. When sales are made under the classified Call, the Eggs shall be ready for delivery not later than 3 o'clock, P. M., and this rule shall apply to all deliveries unless otherwise agreed to by both buyer and seller; and such sales shall be deemed as binding unless the Eggs sold prove, upon inspection, previous to delivery, or within twenty-four hours thereafter, to be inferior to the grade specified in the sale. In the event of a difference upon the grade between buyer and seller, the Eggs shall be inspected by the Egg Inspector. It shall be the duty of the Inspector, in his return, to state whether the stock so inspected is Firsts, Seconds or Thirds, and this decision shall be final. If this decision is in favor of the seller, the buyer shall be bound to receive the goods and pay for the inspection. If the decision is in favor of the buyer, the seller shall pay for the inspection and pay the buyer five (5) cents per case penalty, or at that rate, and take back his goods, paying all cartage on the same. Parties desiring inspection must so inform the Inspector on or before 4 o'clock, P. M., on the day of sale. The Inspector must notify both buyer and seller of his decision within twenty-four hours of sale. This rule does not prohibit parties settling without the aid of inspection where both buyer and seller mutually agree to do so. If upon the first delivery to buyer, the goods so delivered do not appear, upon examination,

to be of the grade sold, the seller may make a second delivery, or call in the Inspector, in which latter event he shall be barred a second delivery, and the decision of the Inspector shall be final. Both deliveries must be made on the day of purchase, unless otherwise mutually agreed to by both parties. In the event of an extra delivery, the seller shall pay all extra cartage. The same classification shall be used for limed or cold storage Eggs as for fresh, but the explanation of the classification shall be different. The form of the Call for limed or fruit-house Eggs shall be the same as for fresh, except that the word "limed" or "cold storage" shall be inserted between the words "for" and "eggs."

RULE 4. Eggs sold under the Call may be inspected at the option of the buyer or seller, and this inspection shall settle the loss finally. The proportion of packages to be taken out in all cases shall be three out of ten, four out of twenty, five out of thirty, seven out of fifty, and ten out of one hundred. The party who elects to have Eggs inspected shall pay for the same, except as provided under Rule 3.

RULE 5. Contracts made for future delivery, when the same are buyer's option, the buyer shall give the seller notice to deliver before 10 A. M., on the day of demand, and the seller shall deliver the same as spot sales, and if no demand for the goods is made by the buyer previous to the expiration of the contract, the seller shall give notice of his readiness to deliver, which shall be deemed a proper tender. The seller shall have the privilege of two deliveries, as in spot sales; inspection to be made the same as for Eggs sold for spot delivery. Eggs sold at seller's option, the seller shall also have the privilege of two deliveries, as at buyer's option.

RULE 6. All sales of Eggs by members of the Chamber shall be considered as cash, except otherwise agreed between buyer and seller; and the delivery to be regular shall be at the business house of the seller, or at any business house within the city limits, provided that the drayage shall not exceed fifty (50) cents on any one lot of twenty-five (25) cases or less, or two (2) cents per case on round lots of twenty-five (25) cases or over, unless there be a fraction of a load in said lot, which said fraction shall be counted the same as a full load; and if in excess of that amount, the difference shall be paid by the seller. In delivering round lots of twenty-five (25) cases or over, no number less than twenty-five (25) cases shall be delivered at any one time, unless there be a fraction of a load in the lot, in which case it may be delivered the same as if a full load.

RULE 7. All difference of opinion as to the construction of the foregoing rules shall be decided by the Egg Inspection Committee, unless one or more of said Committee be interested, in which case the Superintendent, or some member of the Chamber shall serve in the place.

RULE 8. In the case of the death or absence of the Inspector, or his inability from any cause to act, any member of the Egg Inspection Committee may fill his place and perform his duties.

RULE 9. The fees of the Inspector shall be ten (10) cents per case, on the lot so inspected; no fee to be less than twenty-five (25) cents. Loss on Eggs to be computed upon the basis of thirty (30) dozen to the case.

RULE 10. The daily official quotation for eggs shall be determined by formal action and vote of members of the local merchants doing a commission business in eggs, assembled on 'Change, the Chairman being privileged to vote in each instance, the price so decided upon to be posted on the official bulletin board. In case of a tie vote the Committee on Egg Quotations shall decide. Members when voting will be governed by prices which are obtained on "the street" only. No member shall be entitled to vote who buys eggs in territory contiguous to Cincinnati, based on the Cincinnati quotation, for the purpose of shipping to other markets.

DESCRIPTION OF THE CLASSIFICATION FOR FRESH EGGS.

FIRSTS.—Firsts shall comprise fine marks of Eggs, fresh and reasonably clean; such stock as gives good satisfaction to consumers.

SECONDS.—Seconds shall comprise all stock that is merchantable, and inferior to Firsts.

THIRDS.—Thirds shall comprise all poor stock, in bad order, rotten, etc.; stock considered not really merchantable.

KNOWN MARKS.—Known Marks shall comprise such sorts as are well known to the trade under some particular designation or mark, and shall be of such quality as those familiar with the mark

generally understand it to be in the season in which it is offered. The period at which Eggs are to be sold "at mark" or "loss off" to be regulated by the Egg Inspection Committee, and who must give seven days' notice when such rules shall take effect.

TO PASS.—Firsts, to pass at the marks, must not lose to exceed one (1) dozen to the case of thirty (30) dozen. Seconds, to pass at the marks, must not lose to exceed one and a half (1½) dozen to the case of thirty (30) dozen. But should Eggs inspect as Firsts or Seconds in quality, and the loss exceed the amount provided to pass at the marks, the seller shall lose such excess in loss.

DESCRIPTION FOR THE CLASSIFICATION OF LIMED AND COLD STORAGE EGGS.

EXTRAS.—Shall comprise the very finest marks of Limed or Cold Storage Eggs; bright, clean Eggs, put up in the finest manner, where every condition necessary to produce Fancy Limed or Cold Storage Eggs has been complied with.

FIRSTS.—Firsts shall comprise fine marks of Limed or Cold Storage Eggs, such as come in car-load, or smaller lots, and are packed in fine order and reasonably clean; such stock as gives good satisfaction to most consumers.

SECONDS.—Seconds shall comprise all stock that is merchantable and inferior to Firsts.

THIRDS.—Thirds shall comprise all poor stock, in bad order, rotten, etc.; stock not considered really merchantable.

TO PASS.—To pass at the marks, the same rules shall govern as for fresh.

RULES GOVERNING THE FRUIT AND VEGETABLE TRADE.

APPLES.

RULE 1. Sales of Apples on Call shall represent not less than one hundred (100) barrels if from store, and straight lots on arrival at railroad or river in lots of not less than twenty-five (25) barrels in each shipment.

RULE 2. The different grades of Apples shall be known as Prime, Seconds and Rejected, which shall conform to the following description:

Prime shall be sound, of good size, well sorted, well packed, unmixed and fairly uniform throughout the package.

Seconds will represent small, sound, well packed fruit.

Rejected will embrace decayed, frosted or wormy fruit.

RULE 3. A barrel of Apples shall contain not less than two and three-quarters (2¾) bushels.

PEACHES.

RULE 1. Sales of Peaches on Call shall be in lots of twenty-five (25) boxes or twenty-five (25) packages, or more.

RULE 2. The grades of Peaches shall be designated as No. 1, No. 2, No. 3, and Rejected, and shall conform to the following description:

No. 1 shall be sound, large, smooth, uniform in size and quality throughout the package.

No. 2 shall be of medium size, sound and reasonably uniform throughout the package.

No. 3 will consist of sound and mixed fruit.

Rejected will represent all grades below No. 3.

POTATOES.

RULE 1. Potatoes sold on Call shall represent only car lots, or straight lots on arrival at railroad or river amounting to twenty-five (25) barrels or sacks or more, in each shipment, and one hundred (100) barrels or sacks from store.

RULE 2. The grade of Potatoes shall be designated as Choice, Prime, Common and Rejected, and shall conform to the following description:

Choice shall be large, or fairly large, sound, smooth, unmixed, well sorted, and free from faulty and small potatoes.

Prime shall be sound, of fair size, well sorted and unmixed.

Common will embrace sound, mixed or small rough potatoes.

Rejected will embrace unsound and frosted stock.

RULE 3. A barrel of Potatoes shall contain not less than two and three-quarters (2¾) bushels.

INSPECTION.

RULE 1. The Inspector shall, when called upon to set by any member of the Chamber, inspect any fruits or vegetables, and report the quality or grade, according to the rules.

RULE 2. Fees shall be regulated by the Board of Directors, and shall be paid by the party against whom the decision is rendered. An appeal from the decision of the Inspector can be made to the Inspection Committee.

RULE 3. The inspection fee shall be as follows: Potatoes, two (2) cents per barrel; on Apples, two (2) cents per barrel. No inspection less than fifty cents. Car lots in bulk, \$1.50 per car.

RULE GOVERNING SALES OF DISTILLERS' FINISHED GOODS.

Distillers can quote their aggregate sales of finished goods on any one day by giving the total number of barrels, and the basis price on which such sales are made, or, if based on different prices, the total number of barrels at each basis. Sales can not be quoted after the sounding of the gong; and the majority of the sales at a certain basis shall make the Distillers' basis for the day.

WEIGHTS

Standard weights, in the absence of contracts, of various commodities, adopted by the Board of Directors of the Cincinnati Chamber of Commerce and Merchants' Exchange, April 3, 1888:

	BUSHEL.		BUSHEL.
Apples, Dried.....	25 lbs.	Seed, Flax.....	56 lbs.
Barley.....	48 "	" Hemp, Imported.....	40 "
Barley Malt, including weight of sacks	34 "	" Hemp, Domestic.....	44 "
Beans.....	60 "	" Hungarian.....	48 "
Buckwheat.....	50 "	" Lawn Grass.....	18 "
Chestnuts, as to dryness.....	50 @ 56	" Millet, Common.....	50 "
Corn in Ear.....	70 "	" Millet, German.....	50 "
Corn, Shelled.....	56 "	" Orchard Grass.....	14 "
Corn Meal.....	50 "	" Oat Grass.....	33 "
Hair, Plastering.....	8 "	" Serpentine.....	50 "
Hominy.....	60 "	" Red Top.....	14 "
Lime.....	70 "	" Timothy.....	45 "
Oats.....	32 "	" Turnip.....	50 "
Onions.....	56 "	" Rape.....	50 "
Onion Sets, Top.....	28 "	Wheat.....	60 "
" " Bottom, Struck Measure..			
Peas, Dried.....	60 "		TON.
Peanuts.....	22 "	Broom Corn.....	2,000 lbs.
Potatoes.....	60 "	Bran, Shipstuff and Middlings.....	2,000 "
" Sweet.....	50 "	Coal.....	2,000 "
Rye.....	56 "	Coke.....	2,000 "
Salt.....	50 "	Hemp.....	2,240 "
Seed, Blue Grass, Kentucky.....	14 "	Iron, Pig, chill mould.....	2,240 "
" Blue Grass, English.....	24 "	" Pig, sand mould.....	2,268 "
" Broom Corn.....	40 "	" Pig, bloom.....	2,404 "
" Castor Beans.....	46 "	" Ore.....	2,240 "
" Clover.....	60 "	" Scrap.....	2,000 "

*This, as adopted on April 3, 1888, was 56 pounds, but was changed to 50 pounds April 17, 1888

†Previous to February 5, 1907, Ear Corn 70 pounds to bushel until changed by Board of Directors to 68 pounds, now adopting 70 pounds for all the year.

TARIFF OF CHARGES

FOR

STORAGE, COMMISSIONS, TARES, ETC.

ADOPTED BY THE BOARD OF DIRECTORS OF THE CINCINNATI CHAMBER OF COMMERCE
SEPTEMBER 10, 1888.

RATES OF STORAGE.

	1st Month.	2d Month		1st Month.	2d Month
Apples, Green, per bbl.....	5c	4c	Canned Goods, 1 gal., per case.....	5c	2½
“ Dried, per bbl.....	5	4	“ “ ½ gal., per case.....	2	1½
“ Dried, per sack.....	3	2½	“ “ 3 lbs. (2 doz.), per case	2	1½
“ Evaporated, per case.....	2	1½	“ “ 2 lbs. (2 doz.), per case	2	1½
“ 1 gal., per case.....	2½	2	“ “ 1 lb. (2 doz.), per case	2	1½
“ ½ gal., per case.....	2½	1½	Cement, per bbl.....	10	8
Ashes, Pots and Pearls, per tierce...	8	6	Cheese, per box.....	3	2
Bagging, per pièce.....	5	4	Cider, per bbl.....	10	8
“ per 100.....	5	4	Coal Oil, per bbl.....	12	10
“ per 50.....	2½	2	Coffee, per bag.....	5	4
“ per 35.....	2	1½	“ 100 lbs., per case.....	5	4
“ per 30.....	2	1½	“ 60 lbs., per case.....	4	3
Bags, Gunny, per bale.....	15	15	Cotton Ties.....	2	1½
“ Jute, per bale.....	10	8	Cotton Yarn, per bag.....	5	5
“ Seamless, per bale.....	5	4	Cranberries, per bbl.....	10	8
Barytes, per bbl.....	15	10	Crockery, per crate.....	30	25
Batting, 100 lbs., per bale.....	6	5	Currants, per cask.....	25	20
“ 50 lbs., per bale.....	4	3	“ per bbl.....	10	8
“ 25 lbs., per bale.....	3	2½	Dried Fruit, per bbl.....	5	4
Beans (large), per sack.....	5	4	“ “ per sack.....	3	2½
“ (small), per sack.....	3	2	Dry Goods, per case.....	15	15
“ per bbl.....	6	5	“ “ per bale.....	10	10
Beef, per bbl.....	10	8	Earthenware, per cask or crate.....	50	50
“ , per tierce.....	12	10	Eggs, case, per season.....	35	
Bitters, 1 doz., per case.....	3	1½	Fish, per bbl.....	4	3
Boots and Shoes, per 100 lbs.....	10	10	“ per ½ bbl.....	3	2
Borax, per bbl.....	8	6	Flour, per bbl.....	5	4
Bottles, per cask.....	50	40	“ in sacks, reduced to barrels, same rate as barrels.		
“ per tierce.....	40	35	Glass, Window, 400 bxs. in car, per box.....	2	2
“ per bbl.....	10	8	“ Window, 200 bxs. in car, per box.....	3	3
Broom Corn, per bale.....	15	10	“ Window, 100 bxs. and less in car, per box.....	5	4
Brooms, per doz.....	5	4	“ Window, very large, imported, per box.....	40	35
Buckets, per doz.....	5	5			
Butter, per bbl.....	15	15			
“ in firkins or tubs, per 100 lbs., per season.....	40				
Candles, per box.....	2	1½			

	1st Month.	2d Month
Glassware, per cask.....	50c	50c
" per crate.....	50	50
" per tierce.....	15	10
" per bbl.....	5	4
" per case.....	8	4
Glucose, per bbl.....	15	12
Grain, in elevator, regular elevator charges.		
" in sacks, per sack.....	3	3
Hams, per tierce.....	10	8
Hay, per ton.....	\$1 00	75
" hard pressed, per bale.....	15	10
" loose pressed, per bale.....	15	12
Hemp, per bale (large).....	25	25
" per bale (small).....	15	15
Hides, dry, car-load lots, each.....	2	1½
" wet, car-load lots, each.....	3	2
" car load-lots, per bale.....	50	40
Highwines, per bbl.....	10	10
Hops, Domestic, per bale.....	20	15
" German, per bale.....	25	20
Horseshoes, per keg.....	5	5
Household Goods, furniture car.....	\$3 50	\$3 50
Iron and Steel, per 100 lbs.....	2	1½
Iron, Pig or Blooms, per ton.....	5	5
Kraut, per cask.....	25	20
" per bbl.....	15	10
" per ½ bbl.....	12	10
Lead, per 100 lbs.....	2	1½
Lead, White or Red, per 100 lbs.....	4	3
Leather, per roll.....	10	10
Lemons, per box.....	10	8
Lime, per bbl.....	6	6
Liquors, Foreign and Domestic, per ½ pipe.....	20	20
" Foreign and Domestic, per ½ pipe.....	10	10
" Foreign and Domestic, per bbl.....	10	10
Macaroni, per box.....	3	2
Merchandise of all kinds, not speci- fied, per 100 lbs.....	15	15
Mill Feed—Bran, Middlings, etc., per sack.....	4	3
Molasses, per bbl.....	10	8
Moss, per bale.....	20	15
Nails, per keg.....	3	2
Nuts, per bbl.....	6	4
" per sack.....	4	3
Oakum, per bale.....	3	3
Oil, per bbl.....	10	8
" Petroleum, per bbl.....	25	25
Onions, per bbl.....	5	4
" per sack.....	5	4
Oranges, per box.....	10	8
" per bbl.....	10	8
Paint, per bbl.....	12	10

	1st Month.	2d Month
Paper, per bundle.....	1c	1c
" News, rolls, per car.....	\$10 00	\$9 00
Peaches, Dried, per bbl.....	5	4
" per sack.....	4	3
Peanuts, per bag.....	5	4
Peas, per bbl.....	5	4
" per sack.....	5	4
Pecans, per bbl.....	5	4
" per sack.....	4	3
Pepper, per package.....	4	3
Pickles, per bbl.....	10	9
" per ½ bbl.....	8	6
" gallon cases.....	3	3
" ½ gallon cases.....	2	2
" ¼ gallon cases.....	2	2
" pinta.....	2	2
Pimento, per package.....	4	3
Pitch, per bbl.....	6	5
Plaster, per bbl.....	10	8
Portland Cement.....	10	8
Potash, per box.....	1	1
Potatoes, per bbl.....	5	4
" per sack.....	4	3
Prunes, per cask.....	40	35
" per sack.....	5	4
Queensware, per cask.....	50	50
" per crate.....	50	50
Rags, per bale.....	50	50
Railroad Spikes, per keg.....	6	4
Raisins, per box.....	2	2
Rice, per bbl.....	8	6
" per sack.....	8	6
Rope, per coil (small).....	3	2
Rosin, per bbl.....	6	5
Salt, per bbl.....	5	4
" Turk's Island, per bag.....	3	3
" Liverpool, per bag.....	5	4
Saltpeter, per bag.....	4	3
Seed, Clover, per bag.....	3	3
" Timothy, per bag.....	3	3
" Flax, per bag.....	2	2
" Red Top, per bag.....	4	4
" Millet, per bag.....	4	3
" Hungarian, per bag.....	4	3
Shot, per keg.....	6	5
Soap, per box.....	2	2
" per case.....	2	2
Soda Ash, per cask (large).....	50	40
" per cask (small).....	40	30
" per tierce.....	30	25
Soda, Caustic, per drum.....	12	10
" Sal, per tierce.....	8	8
Starch, per box.....	2	2
" per bbl.....	5	4
" per crate.....	5	4
" per case.....	2	2
Stoves, large, each.....	35	30

	1st Month.	2d Month
Sugar, per bbl.....	6c	5c
" per hhd.....	30	25
Tallow, per bbl.....	12	10
Tar, per bbl.....	10	8
Tea, per chest.....	8	8
" per ½ chest.....	5	5
" per caddy.....	2	2
Tin, 20x28, per box.....	5	3
" 14x20, per box.....	2	2
" 14x14, per box.....	2	2
Tobacco, Leaf, per hhd.....	50	40
Tuba, per nest.....	5	4
" per doz.....	15	13
Turpentine, per bbl.....	15	12
" 10 gallons, per case.....	4	3
" 5 gallons, per case.....	3	3
Vinegar, per bbl.....	10	8
Whisky, per bbl.....	10	10

	1st Month.	2d Month
Whiting, per bbl.....	10c	8c
Wine, per cask.....	20	20
" per ¼ cask.....	10	10
" per case.....	3	3
Wool, per sack.....	12	10
Yarn, Wool and Cotton.....	12	10

EMPTY COOPERAGE.

Flour Barrels, each.....	2	2
Ham Tierces, each.....	3	3
Hogsheads, each.....	10	10
Lard Kegs, each.....	1	1
Lard Tierces, each.....	3	3
Molasses Barrels, each.....	3	3
Oil Barrels, each.....	3	3
Pork Barrels, each.....	3	3
Whisky Barrels, each.....	3	3

COMMISSIONS.

On sales of Flour, per bbl.....	10	cents.
On purchase of same, cash in hand, per bbl.....	5	"
On sales of Pork, Beef, Lard, Bacon, Tallow, Oils, Sugar, Molasses, Coffee and Cotton.....	2½	per cent.
Purchasing of the same, cash in hand.....	2½	" "
On sales of Hay, per ton.....	50	cents.
On sales of Domestic Liquors, of all kinds, excepting Whisky and Highwines.....	5	per cent.
On sales of Bourbon or Rye Whis- ky, in bond, per bbl*.....	50	cents.
On sales of Bourbon or Rye Whis- ky, tax paid, per bbl*.....	\$1.00	
On sales of Highwines, on account of distillers, per bbl.....	25	cents.
On sales of Live or Dressed Hogs.	2½	per cent.
On sales of Rye, Wheat and Corn, per bushel.....	1	cent.
On sales of Barley, per bushel....	2	cents.
On sales of Oats, per bushel.....	½	cent.
For use of sacks when furnished by consignee, for each ten days		

out, per bushel.....	1½	cents.
On Seed, Clover.....	1½	per cent
On Seed, Timothy.....	2	" "
On Seed, Flax.....	1½	" "
On Seed, Blue Grass.....	5	" "
On Seed, Herd Grass and Red Top.	5	" "
On Seed, Hungarian and Millet...	2½	" "
On Green Apples, per bbl.....	15	cents.
On Potatoes, per bbl.....	15	"
On Potatoes, in bulk.....	5	per cent
On purchase of same, cash in hand.	2½	" "
On sales of Butter and Cheese....	5	" "
On sales of Pig Iron or Blooms...	2½	" "
On sales of Cooperage.....	5	" "
On sales of all other articles of Produce and Merchandise....	5	" "
For guaranteeing Time Sales.....	2½	" "
For drawing and negotiating bills with indorsement.....	2½	" "
For adjusting insurance on losses, on amount received.....	2½	" "
For collecting moneys by legal process.....	2½ to 5	" "
For receiving and remitting money, including purchase of exchange	½	" "

CHARGES FOR CURING, PACKING, ETC., THE HOG PRODUCT.

PORK BUSINESS.	
Curing Meats in bulk (dry salt), per 1,000 lbs.....	\$3 00
Packing Pork, per bbl.....	2 00
Packing or trimming Pork or Beef in bar- rels, exclusive of barrels, salt and pickle, per bbl.....	45
Packing or trimming Pork or Beef in bar- rels, exclusive of barrels, salt and pickle, in ½ bbls.....	35

Packing Bulk Meat in hogsheads, exclusive of salt and hogsheads, per hhd.....	35c
Packing Bacon in hogsheads, exclusive of hogsheads, per hhd.....	35
Packing canvased Hams in tierces, exclusive of tierces and paper, per tierce.....	30
Packing Bacon in boxes, exclusive of boxes, per box.....	25
Packing English Meats in boxes, exclusive of boxes and salt, per box.....	50

* Adopted May 7, 1896.

Packing Hams in slack barrels, exclusive of barrels, per bbl.....	\$0 20
Clearing Clear Rib Sides, per 1,000 lbs.....	50
Receiving and bulking Cured Meats, per 1,000 lbs.....	1 25
Overhauling and rebuilding Cured Meats, per 1,000 lbs.....	1 00
Smoking Dry Salted Meats, per 1,000 lbs... 1	50
Smoking Sweet Pickled Meats, per 1,000 lbs. 2	50
Curing Meats in sweet pickle, per 100 lbs... 1	90
Canvassing Sugar Cured Meats, exclusive of materials, per piece.....	2 ½
Weighing Bulk Meats or Bacon, per 1,000 lbs. 12 ½	
Nailing, boring, weighing and marking tierces of same, per tierce.....	5
Nailing, boring, weighing and marking of same, per bbl.....	4

CHARGES FOR STORAGE OF THE HOG PRODUCT.

On Pork, where received, per bbl., first month, 8c.; each additional month, 5c.

On Lard, where received, per tierce, first month, 10c.; each additional month, 8c.

On Bulk Meats, where received, per 1,000 lbs., first month, 40c.; each additional month, 20c.

Storage to commence March 1st on all articles

made from hogs received and packed the regular way.

Where pieces are taken in to be cured, storage shall commence with the date of receipt of such pieces.

Bacon, per hogshead, 25c. per month.

Bacon, per ¼ hogshead and box, 15c. per month.

Hams, canvassed, each, 1c.

Insurance shall commence at the time the stuff is received, and rates charged shall be governed by the customary rules of insurance companies for short or long policies.

Commissions on sales, 2 ½ per cent.

COLD STORAGE CHARGES.

Pickled Meats, in tierces, 35c. per tierce for first month, and 25c. per tierce, per month, thereafter.

Dry Salt Meats, receiving, bulking, and one month storage, \$2 50 per 1,000 lbs.; each additional month, \$1 00 per 1,000; rebulking, \$1 25 per 1,000 lbs.

NOTE.—All goods, wares, or merchandise, left or consigned for sale, with or to Commission Merchants, and upon which cash advances have been made, are liable to be sold at any time, should it be necessary, in order to protect the advances made.

RATES OF CHARGES ON COTTON.

1st. The charge for insurance, drayage, labor and sampling, weighing, storage and commission on Cotton to be, in all, \$1 00 per bale, with additional charge for insurance of ½ per cent. per month, and storage of 15c. per bale, after first month, for each additional month.

2d. Regular rates of insurance, in transit, established by Board of Underwriters, to be charged.

3d. Interest at the rate of 6 per cent. per annum shall be charged on all advances of every character.

NOTE.—All shipments are covered by open policies of insurance, unless owners instruct otherwise at or before shipment; and in all cases where advances have been made, or shipments drawn against, the property is covered to the amount of such advances or drafts, without reference to instructions.

CHARGES FOR RECEIVING AND FORWARDING.

Whisky, Pork, Lard, Fish and Tallow, per bbl. 5c	
Cotton, per bale.....	6
Flour, per bbl.....	3
Kegs of Lard and Butter, per keg.....	2
Hogsheads of Bacon and Tallow, per hhd... 10	
Pork and Bacon, in bulk, per 1,000 lbs..... 10	
Hats, Bonnets, Shoes and Feathers, per pkg. 5	
Salt, per bbl.....	8
" per sack.....	2
Leaf Tobacco, per hhd. or box.....	20

Sugar, per hhd.....	15c
Molasses, per bbl.....	6
Beans, Dried Apples and Peaches, per pkg.. 5	
Pig Iron, per ton.....	20
All other articles of Produce or Merchandise, per 100 lbs., including transfer.... 10	
For advancing charges and freight....	2 per cent.

NOTE.—All actual charges incurred, including drayage, insurance, cooerage or storage, are to be added to the above rates.

TARES.

Sugar, in hogsheads.....	12 per cent.
Indigo, in ceroon.....	11 " "
Salt, per bbl. (280 lbs.).....	20 pounds.
" per bbl. (7 bush.).....	25 " "

Cotton, Feathers, Salt in bags, and Spices.....	No tare.
All other articles in hogsheads, casks, tierces, barrels, kegs or boxes, not enumerated.....	Actual tare

MEMBERS
OF THE
CINCINNATI CHAMBER OF COMMERCE
AND
MERCHANTS' EXCHANGE

JUNE 4, 1907.

MEMBERS

OF THE

CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.

JUNE 4, 1907.

NOTE.—The first column indicates the number of the Certificate of Membership; where a blank exists therein, the membership has no certificate. Where an official title in italics is annexed to a name, in the column under the head of "Name," such title, with the title of the corporation following, may not express the present official relations of the member, inasmuch as this shows only the manner in which the name appears in the Certificate of Membership, which is not changed till transferred on the books of the Chamber of Commerce under the rules of the same, though the official relations of the member to the corporation may have previously changed or actually terminated.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
1368	Adam, Henry.....	C. C. C. & St. L. Ry. Co.....	Brewer.....	Camp Washington, City.
4417	Adams, Charles F.....	Hoffman-Ahlers Co.....	Contracting Agent.....	37 Ingalls Building.
2777	Ahlers, George F.....	C. Schmidt & Co.....	Cincinnati Copper Works (Pres't). Butchers' Supplies.....	880 E. Pearl st.
3942	Ahrens, John H.....	Louisville & Nashville R. R.....	Local Freight Agent.....	S. E. c. John and Livingston sts.
3825	Alexander, W. W.....	Allen & Munson.....	Flour, Grain and Commission.....	Front and Butler sts.
2182	Allen, John H.....	The John H. Hibben Dry Goods Co.....	President.....	910 First National Bank Bldg.
390	Allen, Thomas W.....	The Alms & Doepeke Co.....	Dry Goods.....	N. E. c. Seventh and Walnut sts.
3281	Alms, William H.....	Alter, McCaffrey Co.....	Shoe Manfrs. (President).....	Main and Canal sts.
4226	Alter, Franklin.....	The Jung Brewing Co.....	President.....	416 E. Eighth st.
4190	Andrae, Percy.....	J. Walker Brewing Co.....	Secretary and Treasurer.....	2011 Freeman ave.
1475	Andrew, Charles.....	P. Andrew & Co.....	Grain Commission, Maltsters.....	1125 Sycamore st.
1474	Andrew, Frank.....	Phoenix Grain and Stock Exchange.....	Broker.....	901 & 903 E. Front st.
4217	Applegate, Lewis L.....	Cincinnati Chamber of Commerce.....	Doorkeeper.....	24-26 E. Fourth st.
3725	Archibald, Robert J. H.....	Cincinnati Fire Department.....	Fire Marshal.....	Chamber of Commerce Bldg.
4345	Archibald, John A.....	Louisville & Nashville R. R. Co.....	Division Freight Agent.....	Sixth st., near Vine.
1670	Arnold, Brent, <i>General Agent</i>	Louisville & Nashville R. R. Co.....	Contracting Agent.....	501 Chamber of Commerce Bldg.
4506	Arnold, E. C.....	Cin. New Orleans & Tex. Pacific Ry.....	Local Freight Agent.....	S. E. cor. Fourth and Vine sts.
2286	Arnold, J. M.....	Warner Elevator Mfg. Co.....	President.....	Front and Vine sts.
3718	Atkins, Charles H. M.....		Grain and Tobacco.....	2613-2631 Spring Grove ave.
4638	Aulick, A. B.....			Falmouth, Ky.
4569	Bailey, Charles S.....	Cincinnati Transfer Co.....	President.....	57-58 Mitchell Building.
1343	Bailey, Samuel, Jr.....	Cincinnati Transfer Co.....	Wholesale Fruits.....	57-58 Mitchell Building.
181	Baird, Albert B.....	James A. Baird & Co.....	Distillers.....	128 E. Front st.
4401	Baile, R. F.....	The Live Oak Distilling Co.....		N. E. cor. Ninth & Broadway.

2853	Ballmann, F. H.	Irwin, Ballmann & Co.	Note, Stock and Bond Brokers	330 Walnut st.
4692	Ballmann, John W.	Adams Express Co.	Stocks, Bonds and Cotton	435 Vine st.
4963	Barrett, Charles F.	John Barrett & Son.	Agent	416 Main st.
4268	Barrett, George Johnston.	The Bauer Co.	River Transportation	513 Chamber of Commerce Bldg.
2526	Barrett, Oscar F.	The Bauer Co.	Coal (Manager)	513 Chamber of Commerce Bldg.
2636	Bauer, Jacob M.	The Bauer Co.	Coal	Lawrenceburg, Ind.
4234	Bauer, Jacob P.	The Bauer Co.	Coal	Front and Lawrence sts.
2004	Bauer, John G.	The Bauer Co.	Coal	Lawrenceburg, Ind.
4649	Beebe, James C.	Island Creek Fuel Co.	Coal	511 Chamber of Commerce Bldg.
2190	Behrens, Henry.	A. Bender & Co.	Coal	15 E. Baker st.
3534	Bender, Andrew.	Cincinnati, Hamilton & Dayton Ry.	Hay and Grain	506 Chamber of Commerce Bldg.
4548	Benedick, Paul C.	E. Benham & Co.	Passenger Agent	8 E. cor. Fifth and Walnut sts.
3327	Beneker, Henry W.	Bennett & Witte	Produce Commission	Flat 9 "Alexandra" Walnut H's.
4674	Benham, John.	Bennett & Witte	Lumber	21 Walnut st.
3316	Bennett, W. A.	Eureka Fire and Marine Ins. Co.	Coal, Lime and Cement	222 W. Fourth st.
3870	Benninghofen, August	Normeyer & Berding	Secretary	Hamilton, O.
4494	Bennis, Adam	Bergewisch & Becky	Flour, Grain and Mill Feed	121 E. Third st.
3704	Berding, Henry N.	with Strobridge Lithographing Co.	Produce Commission	708 Washington st., Covington.
4373	Bergewisch, Fred.	Rheinstrom, Bettman, Johnson & Co.	Solicitor	1009 Race st.
3782	Bernstein, Samuel.	Cincinnati Union Stockyards	Attorney at Law	108-118 W. Canal st.
2839	Bettinger, Albert	Cin. New Orleans & Tex. Pacific Ry.	Liquors	41 Atlas Bank Building.
3869	Bettman, Morris L.	W. C. Biles & Co.	Presidents	904-910 Sycamore st.
4269	Biggs, N. H.	J. M. Blair Brick Co.	General Freight Agent	Spring Grove ave.
3171	Biles, George F.	W. W. Blair & Co.	Commission, Whisky	Ingalls Building.
3366	Biles, William C.	The Pounsford Stationery Co.	Manager	315 Vine st.
4458	Blair, J. Milton.	Morris & Co. (Chicago)	Brokerage and Commission	51 Builders' Exchange.
2336	Blair, William W.	Western Union Telegraph Co.	Blank Books, Stationery and Printing	119 E. Second st.
4118	Blakemore, Louis H.	Abe Bloch & Co.	Merchant Tailor and Clothier	131-135 E. Fourth st.
3134	Blase, Henry F.	Union Central Life Insurance Co.	Provisions—Local Manager	534 Madison ave., Covington, Ky.
4635	Blauvelt, George F.	Elias Block & Sons	Manager	64 Mitchell Building.
4486	Bias, Robert C.	Leon Block	Clothiers	N. E. cor. Fourth and Vine sts.
2092	Bloch, Abe	Great China Tea Co. (Block Bros.)	Agent	810 & 812 Main st.
4427	Bloch, Sol.	Blome & Dreifus	Wholesale Liquors	325 Race st.
878	Bloch, Joseph E.	Glas, Bloom & Co.	Grocers	511 Union Trust Building.
3463	Bloch, Leon.	German National Bank	Wholesale Liquors	S. W. cor. Third and Walnut sts.
4418	Bloch, M. H.	The Marnet Coal Co.	Produce Commission	11 Vine st.
8006	Bloch, Samuel.	*Born, Samuel	Produce Commission	511 Union Trust Building.
4706	Blome, Fred. H.		Live Stock Dealer	1010 Race st.
3911	Blong, Thomas.		Fruit, Produce Commission	Eggleston Avenue Stockyards.
2709	Bloom, Abraham.		Commission, Grain	115 & 117 E. Front st.
4302	Blumenthal, Max.		President	7 Mitchell Building.
713	Bolrer, George H.		Manager Retail Sales	N. W. cor. Fourth and Vine sts.
4637	Bolger, Thomas J.		Hay and Grain	Central Avenue and Water st.
4479	Borgmann, Harry J.			1211 W. Sixth st.
2630	*Born, Samuel.			

*Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
73	Boss, Christian, <i>President</i>	Gambrinus Stock Co.....	Brewing.....	Sycamore and Abigail sts.
74	Boss, C. W., <i>Secretary</i>	Gambrinus Stock Co.....	Brewing.....	Sycamore and Abigail sts.
3945	Boswell, William.....	Security Mutual Life Insurance Co.....	Agency Director.....	507-508 Chamber of Com. Bldg.
4326	Bowman, Robert B.....	Star Union Line.....	Fast Freight Line (Agent).....	42 E. Fourth st.
3291	Boyd, James N.....	James N. Boyd & Co.....	Tobacco.....	Richmond, Va.
63	Bradbury, George S.....	Cincinnati Chamber of Commerce.....	Chief Clerk.....	Chamber of Commerce Bldg.
1269	Bramble, A. L.....	Consolidated Coal and Mining Co.....	Commission, Live Stock.....	Stockton, Butler Co., O.
3952	Brashears, John.....	Braun & Kipp.....	Secretary.....	8 Mitchell Building.
3487	Brauer, Frederick A.....	Chicago, Indianapolis & Louisiv. Ry.....	Flour and Lard.....	848 W. Sixth st.
4333	Braun, Andrew M.....	The Crane & Breed Mfg. Co.....	Hay and Grain.....	Sixth and Evans sts.
3640	Breckont, George S.....	Breese Bros. Co.....	Commercial Agent.....	S. E. cor. Fifth and Walnut sts.
3610	Breed, William J.....	Union Distilling Co.....	President.....	1213-1259 W. Eighth st.
4178	Breese, John E.....	C. C. & St. L. Ry. Co.....	Wholesale Roofing Materials.....	210 W. Second st.
3985	Brinkmann, Edward H.....	The Coney Island Co.....	Vice-President.....	Carthage, O.
4705	Brister, Charles J.....	with Gate Bros. Co.....	General Freight Agent.....	Big Four Office Building.
2658	Brooks, Levi H.....	Henry W. Brown & Co.....	President.....	1008 First National Bank Bldg.
3937	Brossene, William G.....	L. F. Brown & Co.....	Flour, Grain, Hay and Feed.....	1320 Madison st., Covington, Ky.
4720	Brouse Henry M.....	Consolidated Boat Store Co.....	Grain Salesman.....	Third and W. Front st.
3339	Brown, Henry W.....	W. L. Brown & Co.....	Flour and Grain.....	831 W. Sixth st.
2194	Brown, L. F.....	Merchants National Bank.....	Live Stock Brokers.....	2740 Spring Grove ave.
837	Brown, Paris C. (Honorary).....	The Foss-Schneider Brewing Co.....	Manager.....	222 & 224 Public Landing.
4281	Brown, W. W.....	Bruckmann Brewing Co.....	Hay, Grain and Feed.....	506 Chamber of Commerce Bldg.
3784	Brown, W. W.....	W. A. R. Bruehl & Co.....	Cashier.....	Ingalls Bldg., Fourth & Vine sts.
4139	Broxterman, John G.....	Queen City Grain Co.....	Brewers.....	943-951 Freeman ave.
1926	Bruckmann, William M.....	A. R. Budd Coal Co.....	Gen'l Mgr. HomeLife Ins. Co. of N.Y.	Cumminsville, City.
2675	Bruehl, W. A. R.....	West Kentucky Coal Co.....	Grain and Hay.....	Room 601 4th Nat'l Bank Bldg.
4170	Brunsan, Fred. C.....	Cincinnati Coopeage Co.....	Real Estate and Loans.....	217-218 Carlisle Building.
2767	Buckner, W. T.....	C. E. Bultman & Co.....	Coal.....	221 E. Fourth st.
4621	Budd, Albert R.....	Empire Line.....	Coal.....	Conestoga Bldg., Pittsburgh, Pa.
979	Budd, Peter R.....	Procter & Gamble Co.....	Coal.....	Conestoga Bldg., Pittsburgh, Pa.
4723	Budd, Clifford M.....	Burckhardt & Co.....	Brewers' Supplies and Machinery.....	Memphis, Tenn.
4255	Buhrman, Edward R.....	Burger Brothers Co.....	Secretary.....	1256 & 1258 Richmond st.
4653	Buhrman, H. O.....	with The Campbell's Creek Coal Co.....	General Brokers.....	Riverside, Cincinnati, O.
4722	Bultman, Charles E.....		Hay and Grain.....	212-215 Carlisle Building.
2639	Bunke, Barney.....		Agent.....	1614 Westwood av., Fairmount.
4425	Burbank, William F.....		General Manager.....	Ingalls Building.
4451	Burchenal, John J.....		Oils and Lard.....	S. E. cor. Fourth and Main sts.
4317	Burckhardt, Horatio W.....		Hops, Malt and Brewers' Supplies.....	323 Sycamore st.
1633	Burckhardt, Rufus.....		Coal and River Transportation.....	437 E. Fifth st.
4465	Burger, Carl F.....			83 E. McMicken ave.
3264	Burnside, E. A.....			Point Pleasant, W. Va.
1428	*Byrne, John.....			

569	Calvert, William H.	Merchants & Manufacturers Ins. Co.	President.	404 First National Bank Bldg.
4578	Camerer, William	A. Schnitt & Co.	Flour and Commission	860 W. Sixth st.
3679	Campbell, E. W.	The Perkins-Campbell Co.	Harness and Saddlery (President).	622-628 Broadway.
2378	Cannon, I. James.	I. J. Cannon & Co.	Produce Commission	110 E. Front st.
1810	Carpenter, William B.	The W. B. Carpenter Co.	Blank Books, Stationery and Printing	422-428 Main st.
3759	Carr, Winfield S.	with Procter & Gamble Co.	Weigher.	Flat 33-626 W. Fourth st.
4596	Chapman, Samuel C.	Chatfield & Woods Co.	Paper Dealers	Ivorydale, O.
3341	Chapman, Noah B.	Old Tub Fowler Distillery Co.	Distillers.	347-351 W. Fourth st.
1683	Chisman, Homer	Cin. New Orleans & Tex. Pacific Ry.	Chief Grain and Hay Inspector	Falmouth, Ky.
427	Clancey, H. N.	Clarkson & Clarkson.	Grain and Hay	1236 W. Sixth st. & Cham. of Com.
3153	Clancey, J. B.	Cin'ti Gas Coke, Coal & Mining Co.	Commercial Agent.	Room 515, Cham. of Com. Bldg.
4703	Clauss, William	Pomeroy Salt Association	Whisky	N. W. cor. Fourth and Vine sts.
4431	Clifton, P. L.	Collins & Co.	Wholesale Coal (President).	32 Carew Building.
1757	Collins, F. F.	Collins & Hartweg Co.	Agent	204 Traction Building.
4683	Collins, Harry P.	The Cincinnati Street Railway Co.	Hay and Grain.	Pomeroy, O.
3410	Collins, James A.	Collins & Co.	Hay and Grain.	222 W. Fourth st.
3351	Collins, John E.	Collins & Co.	Hay and Grain.	222 W. Fourth st.
4237	Collins, John E., Jr.	Collins & Co.	Hay and Grain.	222 W. Fourth st.
4549	Collins, Percy B.	with Collins & Co.	Salesman.	222 W. Fourth st.
4623	Colter, Robert A.	C. G. Blake & Co.	Wholesale Coal and Coke	709 First Nat'l Bank Bldg.
4711	Connor, P. W.	Illinois Central R. R. Co.	Commercial Agent.	423 Vine st.
3107	Corbin, H. F.	H. F. Corbin & Co.	Whiskies	425 E. Pearl st. (P. O. Box 95).
4374	Costello, Joseph F.	with Union Grain and Hay Co.	Salesman	Hawson Building.
3127	Cowing, Rufus A.	Harkness, Cowing & Co.	Manufacturers of Candies	513-519 Eggleston ave.
212	Crail, Walter B.	Monong'la Riv. Con. Coal & Coke Co.	Sales Agent.	S. E. c. Front and Lawrence sts.
3675	Crane, Clinton	C. Crane & Co.	Wholesale Lumber.	1789 Eastern ave.
4677	Creshan, John T.	C. C. C. & St. L. Ry. Co.	Local Agent.	Pearl and Central ave.
3703	Crowthers, Robert C.	Burnet House Co.	Dealer in Automobiles.	117-119 E. Seventh st.
4593	Cullen, T. J.	Luhrig Coal Co.	Manager.	N. W. cor. Third and Vine sts.
4283	Cunningham, A.	Citizens National Bank	President and Gen'l Manager.	1006-08 4th Nat'l Bank Bldg.
147	Cunningham, Briggs S.	James H. Curran Elevator Co.	President.	S. E. cor. Fourth and Main sts.
4337	Curran, James H.	Black Band Coal & Coke Co.	Manufacturer of Elevators.	114 & 116 W. Second st.
4641	Curran, Orville P. Jr.	The Van Leunen Co.	Coal Miners and Shippers (Manager).	1617-1618 First Nat'l Bank Bldg.
4636	Currus, Frank J.		Hay and Grain.	Covington, Ky.
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131	Dair, Charles E.	Dair Bros.	Millers.	Harrison, O.
4400	Dalton, H. M.	Consolidated Time Lock Co.	Manfrs. of Time Locks, etc.	315 & 317 W. Fourth st.
4595	Dana, E. O.	Campbell's Creek Coal Co.	Miners and Shippers of Coal.	311 Mercantile Library Bldg.
52	Dana, S. F.	Campbell's Creek Coal Co.	Miners and Shippers of Coal.	311 Mercantile Library Bldg.
3381	Daniel, L. B.	Early & Daniel Co. (Soc'y & Treas.)	Hay and Grain.	N. W. cor. Sixth and Harriet sts.
4386	Dare, S. H.	Atlantic Coast Line R. R.	General Western Freight Agent.	507-508 Union Trust Building
4680	Dassell, F. F.	Dassell Feed Co.	Hay and Grain.	1811 Race st.

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
2535	Davis, John C.	First National Bank.	Tobacco and Cigars.	412 Vine st.
4498	Davis, Thomas J.	Cincinnati Railroad Omnibus Co.	Cashier.	First National Bank Building.
3449	Davis, Wallace M.		Superintendent.	19 Opera Place.
76	Davis, William H.		Real Estate.	Foodick Bldg. 41 E. Fourth st.
434	Debar, Joseph	J. Debar & Co.	Wholesale Liquors.	38 Vine st.
4576	DeCamp, A. J.	Peck-Williamson Heat. & Vent. Co.	Vice-President.	335-339 W. Fifth st.
1659	DeCamp, J. M., General Agent.	Liverpool & London & Globe Ins. Co.	Foreign Fruits.	401-407 4th Nat'l Bank Bldg.
2047	Delsignore, Fedele.	F. Delsignore & Co.	Salesman.	114 & 116 E. Front st.
4469	De Motet, John Jr.	Allen & Munson	Assistant Grain and Hay Inspector.	910 First Natl. Bank Bldg.
4632	Dennis, Edward F.	M. Dernham & Son.	Whisky Commission.	Chamber of Commerce.
4448	Derruhum, Abraham L.	Dewey Bros. Company.	Hay, Grain, Flour, Feed, etc.	243 Main st.
4279	Dewey, Joseph S.	Dickmeier Bros.	Hay, Grain and Feed.	Blanchester, O.
4343	Dickmeier, Louis.			3710 Spring Grove ave.
1832	*Diem, Frederick J.	Union Distilling Co.	Secretary and Treasurer.	1008-1010 Richmond st.
1991	Dieterle, George F.	F. O. Diver Grain Co.	Insurance.	1201 First National Bank Bldg.
1589	Dillaby, James.	The Alms & Doepeke Co.		Middletown, Ohio.
4628	Diver, Frank O.		Dry Goods.	Main and Canal sts.
4599	Doepeke, William L.	The Dorsel Co.	Millers; also Grain, Hay and Feed.	The Auburndale, Mt. Aub. City.
2541	Dolph, A. M.	The Dorsel Co.	Millers; also Grain, Hay and Feed.	1108 Monmouth st., Newport, Ky.
894	Dorsel, John.	Cincinnati Traction Co.	Secretary.	1108 Monmouth st., Newport, Ky.
4619	Dorsel, John H.	with S. J. Patterson	Coal.	906 Traction Building.
4490	Draper, Walter A.	Blome & Dreifus.	Produce Commission.	Dayton, O.
4301	Drees, Harry J.	C. H. & D. Railway Co.	General Contractor and Coal Dealer.	1010 Race st.
3987	Dreitius, David S.	J. H. Dunholter & Co.	Division Freight Agent.	Home City, O.
4141	Drucker, Frederick.	M. Durner & Co.	Provisions, Flour and Grain.	S. E. cor. Fifth & Walnut sts.
4714	Du Bois, H. E.		Commission, Whisky.	55 Walnut st.
1243	Dunholter, John.		Manager, Glenn Estates.	219 E. Third st.
380	Durner, M.			240 E. Fourth st.
18	Dymond, Richard.			
4165	Earle, James T.	Chesapeake & Ohio Ry. Co.	Local Freight Agent.	525 W. Fourth st.
2527	Early, H. Lee	Early & Daniel Co. (President).	Hay and Grain.	N. W. cor. Sixth and Harriet sts.
4379	Christ, Eberle Sons.	W. V. Ebersole & Co.	Produce Commission.	208 W. Sixth st.
77	Ebersole, William V.	J. A. Fay & Egan Co.	Real Estate.	240 E. Fourth st.
4197	Egan, Thomas P.	The Eggers & Sons Co.	Woodworking Machinery.	Front and John sts.
4169	Eggers, John.	Elaus & Fritz.	Livery Stable and Street Sprinkling.	951-957 Curtis st.
1902	Eisfelder, H. A.	Elaus & Fritz.	Hops, Malt and Brewers' Supplies.	214 & 216 E. Court st.
4388	Eisfelder, Murray		Feed Store.	214 & 216 E. Court st.
3027	Filberg, F. W.	Ellis & Fleming.	Grain and Hay.	Elmwood Place, O.
2025	Ellis, James W.			512 Chamber of Commerce Bldg.

3887	Ellison, J. F.	Pittsburgh & Cincinnati Packet Line.	Superintendent.	204 E. Front st.
893	Elzas, Lewis.	Elzas & Fritz.	Hops, Malt, and Brewers' Supplies.	214 & 216 E. Court st.
3283	Emery, Talton.	Greene & Emery.	Live Stock Commission.	Cincinnati Union Stockyards.
4679	Emert, George W.	Armour & Co. (Chicago).	Packers.	33 Main st.
4514	Emert, Frederick L.		Brewers' Grain (Cattle Feed).	1924 Pleasant st.
4500	Kerrick, Clyde S.	The Interstate Grain Co.	Hay and Grain.	65 Mitchell Building.
1977	Erkenbrecher, A. G.	Cincinnati Equitable Insurance Co.	Real Estate, Loans, Investments.	1315 Union Trust Building.
4095	Ernst, Edward H.	Covington Savings Bank & Trust Co.	Secretary and Treasurer.	38 E. Third st.
3435	Erselby, E. O.	The Commercial Tribune.	President.	Covington, Ky.
4446	Evans, Arthur O.	Patterson & Evans.	Seeds, Sorghum and Commission.	Commercial-Tribune Building.
1857	Evans, David T.	Mt. Carbon Company (Ltd.).	Coal and Coke.	52 Vine st.
4367	Eversman, J. F.	The Carbon Company (Ltd.).	Live Stock Reporter.	Powellton, W. Va.
3089	Ezekiel, Henry C.	The Ezekiel & Bernheim Co.	Auctioneers and Commission.	Cincinnati Union Stockyards.
1658	Ezekiel, Walter A.	The Ezekiel & Bernheim Co.	Auctioneers and Commission.	334 Main st.
4043				334 Main st.
1538	Fairley, William.			2819 Park ave., Wal. Hills, City.
3737	Faran, James J.	Pocahontas Coke Co.	General Manager.	213 Bodman ave., Mt. Aub., City.
4570	Farrell, Thomas F.	J. H. Fedders & Sons.	Flour, Feed and Grain.	Bluefield, W. Va.
2558	Fedders, John H.	The Fels Flour Milling Co.	President.	420 Pike st., Covington, Ky.
2483	Fells, Theobald.	The Fels Flour Milling Co.		N. W. c. Third and Baymiller sts.
4556	Fells, Theobald, Jr.	The Fels Flour Milling Co.		N. W. c. Third and Baymiller sts.
4510	Fenner, N. Paul, Jr.	American Valve & Meter Co.		1119-1125 Gest st.
3881	Fenger, August.	Early & Daniel Co. (Vice-President).	Hay and Grain.	N. W. cor. Sixth and Harriet sts.
3867	Fetter, O. G.	Cincinnati Car Service Ass'n.	Manager.	11 Carew Building.
4049	Ficke, George A.	Christian Moerlein Brewing Co.	Superintendent, Bottling Dep't.	2019-2021 Elm st.
3645	Ficker, Ben.		Flour.	11 Jordan st.
83	Field, Walter H.	The American Cotton Oil Co.	Vice-President.	441-485 E. Sixth st.
4420	Finch, Will L.	Cincinnati Industrial Bureau.	Secretary.	501 Union Trust Building.
3888	Finke, H. J.	Finke & Schwier.	Produce Commission.	1008 Race st.
4335	Finkle, L. V.	Norfolk & Western Railway.	General Agent.	45 E. Fourth st.
3972	Fish, Charles E., Jr.	B. & O. S. W. Ry. Co.	Local Freight Agent.	Second and Smith sts.
1310	Fisher, Charles S.	J. W. Fisher & Co.	Grain and Hay Commission.	116 & 118 E. Water st.
4124	Fisher, John.	Shollenbarger & Fisher.	Grain.	Collinsville, Butler Co., O.
592	Fitzgerald, Edward A.	with The Cincinnati Grain Co.	Grain and Hay Commission.	116 & 118 E. Water st.
4634	Fleischmann, Julius.	The Fleischmann Co.	Salesman.	N. E. cor. Walnut and Water sts.
3969	Fleischmann, Max C.	The Fleischmann Co.	Distillers.	N. W. cor. Plum and Perry sts.
4291	Fleming, F. E.	Ellis & Fleming.	Grain and Hay.	N. W. cor. Plum and Perry sts.
1190	Fleming, R. H.	Southern Contracting Co.	Lumber, Sand and Real Estate.	512 Chamber of Commerce Bldg.
315	Fletcher, Victor.	The Mihalovitch-Fletcher Co.	Wines and Liquors.	Ludlow, Ky.
3118	Flint, William H.	Steamer W. H. Flint and Owners.	Coal Miners and Shippers.	514-518 E. Pearl st.
4615	Forker, J. B., Jr.	The Cincinnati Traction Co.	Vice-President.	Pittsburgh, Pa.
4433	Ford, Collin.	Etna Life Insurance Co.	Manager.	Traction Building.
1989				504-512 Com'l-Tribune Bldg.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
2857	Fortney, P. R.	The Forwood Shoe Co.	Insurance.	Masonic Temple.
3170	Forwood, W. H.	Foster & Co.	President.	22 W. Third st.
4643	Foster, Louis W.	The Stearns & Foster Co.	Brokers.	Baker Court, 1st Nat. Bank Bldg.
348	Foster, Seth C.	Foulds Milling Co.	Mfrs. of Wadding and Batting.	114-120 E. Canal st.
4536	Foulds, Colburn S.	Foulds Milling Co.		1225-1235 Budd st.
2517	Foulds, Frank W.			1225-1235 Budd st.
3300	Fox, Frank.			Grand Hotel.
4147	Frazier, E. S.		Stocks, Grain and Provisions.	Chamber of Commerce.
4173	Frazier, Harry E.		Stocks, Grain and Provisions.	Chamber of Commerce.
4044	Frederick, Robert G.	Kiewit & Frederick.	Miller and Grain Dealer.	Harrison, O.
2342	Freiberg, Abraham.	J. & A. Freiberg.	Wholesale Liquors.	206 E. Front st.
2393	Freiberg, Joseph.	J. & A. Freiberg.	Wholesale Liquors.	206 E. Front st.
4321	Freiberg, Henry.	Freiberg & Kahn.	Wholesale Liquors.	52 Main st.
852	*Freiberg, Julius (Honorary).			
2179	Freiberg, J. Walter.	Freiberg & Workum.	Distillers.	216-220 Public Landing.
2486	Freiberg, Maurice J.	Freiberg & Workum.	Distillers.	216-220 Public Landing.
4398	Freiberg, Sigmund.	Sig. & Sol. H. Freiberg.	Wholesale Liquors.	424-426 W. Fourth st.
4399	Freiberg, Solomon H.	Sig. & Sol. H. Freiberg.	Wholesale Liquors.	424-426 W. Fourth st.
4127	French, Tilden R.	French Bros. Dairy Co.	President.	316 & 318 W. Seventh st.
4571	Freund, Ernst Adolph.		Fork and Beef Packer.	1213-1217 W. Liberty st.
3054	Frey, John H.			3636 Washington av., Avondale.
3158	Fries, Gustave R.	Alex. Fries & Bros.	Chemical Works.	312-316 E. Second st.
4415	Frohman, Harry F.	The S. Obermayer Co.	Foundry Supplies.	641-647 Evans st.
2022	Frondorf, George.		Live Stock Dealer.	Bridgetown, O., P. O. Sta. L, Cin.
4510	Funck, Gustav E.	Funck Bros.	Commission, Produce.	228 & 230 W. Sixth st.
3964	Furlong, John S.		Weigher.	Harrison av. and B. & O. S. W. Ry
729	Furst, Abe.		Live Stock Dealer.	22 E. Eighth st.
2415	Furst, Joseph C.	Furst Bros.	Wholesale Liquors.	122 & 124 E. Seventh st.
3797	Furst, Samuel.	Furst Bros.	Wholesale Liquors.	122 & 124 E. Seventh st.
4439	Galbraith, George W.	Laidlaw-Dunn-Gordon Co.	Pumping Machinery.	211 W. Fourth st.
3329	Gale, Albert C.	Gale Brothers Co.	Hay, Flour, Grain and Feed.	Intersect'n Third & W. Front sts.
557	Gale, B. W.	Gale Brothers Co.	Hay, Flour, Grain and Feed.	Intersect'n Third & W. Front sts.
3991	Gale, P. M.	Gale Brothers Co.	Hay, Flour, Grain and Feed.	Intersect'n Third & W. Front sts.
4675	Gale, Parker K.	Standard Hay & Grain Co.	Hay and Grain.	Sixth and Carr sts.
4533	Galatti, Edward.	Pittsburgh Coal Co.	Local Manager.	Front and Harriet.
2324	Gamble, David B.	The Procter & Gamble Co.	Soap, Candles and Oils.	1430 Union Trust Building.
523	Gamble, James N.	The Procter & Gamble Co.	Soap, Candles and Oils.	1430 Union Trust Building.
919	Garlick, Henry.	H. Garlick & Co.	Naval Stores and Commission.	116 W. Pearl st.
3920	Garrison, F. L.	Shonk-Garrison Coal Co. (President).	Miners and Shippers of Coal.	702 Mercantile Library Bldg.

3802	Geisler, Julius	Union Distilling Co.	Salesman	1008-1010 Richmond st.
4045	Gerdes, Edwin G.	The G. & B. Gerdes Co.	Distill'rs. & Wholesale Liquor Deal'rs.	60 Main st.
647	Gerke, George	Union Distilling Co.	President	1006-1010 Richmond st.
3150	Gerst, William	William Gerst, Brewing Co.	Insurance	Nashville, Tenn.
2074	Gibbs, Edwin C.	Geo. W. Neare, Gibbs & Co.	Secretary and General Manager	716-719 Union Trust Building.
2067	Gillham, Robert P.	Campbell's Creek Coal Co.	President	311 Mercantile Library Bldg.
4486	Gilligan, Andrew C.	Cincinnati & Suburban Delivery Co.	Local Agent	507 Walnut st.
4314	Ginn, Charles E.	Archer-Daniels Linseed Co.	Manager, Glenn Estates	944 W. Fifth st.
4350	Glen, William W.	Adams Express Co.	Attorney at Law	Express Bldg., Front and Butler.
17	Glenn, James M.	Goemann Grain Co.	President	240 E. Fourth st.
2885	Goebel, Herman P.	The Herman Goepfer Co.	Malt, Hops and Brewers Supplies	910 Mercantile Library Bldg.
2563	Goemann, Henry L.	H. J. Good & Co.	Life Insurance Broker	Spitzer Building, Toledo, O.
241	Goepfer, Edward	The Bradstreet Co.	Hay, Grain and Feed	322-326 Hunt st.
2885	Goldsmith, Gus av.	National Lead Co.	Superintendent	1828 Kinney ave.
4715	Good, Henry J.	The Cincinnati Grain Co.	Brokerage, Stocks, Bonds, Grain	601 Union Trust Bldg.
4480	Goodale, Levi C.	Goyert & Vogel	Manager	84 Atlas Bank Building
3458	Gorman, John M.	Graham Lumber Co. (Limited)	Treasurer	301 Union Trust Building
4693	Gorman, John M.	Union Grain and Hay Co.	President	702 First Nat'l Bank Bldg.
207	Goshorn, E. C.	Union Grain and Hay Co.	Superintendent—Elevator C.	S. W. c. Seventh and Freeman av.
3182	Gould, William H.	Union Grain and Hay Co.	Assistant Manager	Glendale, O.
4557	Gowling, Alfred	Union Grain and Hay Co.	Manager	N. E. cor. Walnut and Water sts.
342	Goyert, J. H.	Cincinnati Provision Export Co.	Provisions	49 Walnut st.
4709	Graham, J. Watt	Gray, Dolle & Latta	Fire Insurance	41 E. Fourth st.
4716	Granger, Charles H.	Hartwell Furniture Co.	Manufacturers of Furniture	Eighth and Reedy sts.
4542	Granger, Daniel B.	Greene & Embury	Live Stock Commission	Rawson Building
3338	Granger, W. W.	Ohio and Ky. Kid Leather Mfg. Co.	Tanners (President)	Chamber of Commerce Building
1567	Grant, Edward S.	The I. & E. Greenwald Co.	Founders and Machinists	96-97 Ingalls Building
1089	Gray, Adam	The I. & E. Greenwald Co.	Founders and Machinists	121 & 123 W. Fourth st.
4503	Greene, Edward	Citizens National Bank	Vice-President	Cincinnati Union Stockyards
2216	Greene, Thomas M.	S. T. Griffiths & Bro.	Grocers	Spring Grove av. and Rawson st.
4455	Greenbaum, Simon	White Oak Distillery Co.	Proprietor	720 E. Pearl st.
3210	Greenwald, C. E.	The Globe Chemical Co.	Chemicals, Drugs and Oils	720 E. Pearl st.
3211	Greenwald, T. L.	E. A. Grubbs Grain Co.	Manager	S. E. cor. Fourth and Main sts.
191	Griffith, G. P.	The Gerke Brewing Co.	Secretary and Treasurer	117 E. Court st.
3195	Griffiths, Samuel T.	Gruner & Beckwith	Mdse. Brokers and Manfrs. Agents	858 W. Sixth st.
4272	Grogan, James J.	The Jacobs Cordage Co.	Secretary	Deer Creek, near Court st.
3489	Grote, Frank C.	Atlas National Bank	President	504 Union Trust Building
4071	Grote, J. G. F. Jr.	Standard Oil Co.		Greenville, O.
4015	Grubbs, Edgar A.			Plum and Canal sts.
2309	Grueter, J. Herman			25 & 27 W. Second st.
3774	Gruner, Hugo			1205 Budd st.
3503	Guckenberger, Fred			Atlas Bank Building
3380	Guckenberger, George			105-109 E. Pearl st.
4551	Guthrie, Walter F.			

• Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	Business.	LOCATION.
4688	Haacke, Raymond	Cincinnati Volksfreund Co.	Newspaper (President of Co.)	28 Opera Place.
767	Hall, Edward C.	The Hall's Safe Co.	Manufacturers of Safes (President)	3253-3269 Spring Grove ave.
3846	Hall, Thomas J.	T. J. Hall & Co.	Coal, Towboating and Freightng.	Foot of Lawrence st.
3223	Hall, William A.	The Cincinnati Coopers Co.	Secretary	Cincinnati, O.
3667	Halm, George M.			902 Neave Building.
3903	Hamann, Henry W.		Hay and Grain	Harrison av. and B. & O. S. W. Ry.
4168	Hanna, John P.	Wiborg-Hanna Co.	Poplar and Hardwood Lumber	Cummins st., Fairmount.
2846	Harris, George W.	James Levy & Bro.	Distillers and Liquor Dealers	307-309 Traction Building.
3530	Harrison, W. H.	W. H. Harrison & Co.	Coffee and Spices	16-19 E. Second st.
3874	Hart, Edward	E. Hart & Co.	Cloths and Woolens	Power Bldg., Eighth & Sycam're
2439	Hartweg, Fred		Coal and River Transportation	511 Chamber of Commerce Bldg.
2783	Hartweg, Gottlieb	Collins & Hartweg Co.	Provisions	511 Chamber of Commerce Bldg.
1680	Haskins, Robert	R. Haskins & Co.		205 Walnut st.
3656	Hathfield, James	Hathfield Coal Co.	President	634 Madison av., Covington, Ky.
3004	Hauck, Louis J.	The John Hauck Brewing Co.	Vice-President	Central ave. and Dayton st.
2288	Hauck, P. W. J.	The John Hauck Brewing Co.	Tubs and Coopers	Central ave. and Dayton st.
2817	Hauser, Stephan, Jr.	The Hauser, Brenner & Fath Co.		2129 McLean ave.
2780	Havlin, John		Distiller	Levingood, Ky.
2122	Hayes, Timothy	Hayes Valley Distilling Co.	Roasted Coffees (Sec'y and Treas.)	Walnut and Water sta.
4580	Heekin, James J.	The James Heekin Co.	Salesman	N. E. cor. Walnut & Water sta.
3018	Helman, G., Jr.	with Cincinnati Grain Co.	Secretary	N. E. c. Pearl & Main (P. O. Box 164)
762	Hehman, Louis	Piqua Malt Co.	Flour	305 Vine st.
2486	Heid, John B.	Heid & Koss	Manufacturers of Ladie, Wear	Pugh Building.
4310	Heidelbach, Seward	Fabian Manufacturing Co.	Produce Commission	33 Walnut st.
2818	Heidrich, Charles	Charles Heidrich & Co.		Latonia, Ky.
1794	Heile, Frank, Jr.	Standard Hay & Grain Co.	Hay and Grain	324-326 Walnut st.
4698	Heile, Henry	P. J. Goodhart & Co.	Bankers and Brokers	1314 Race st. (P. O. Box 77).
2445	Heinsheimer, Edward L.		Grain and Hay	Hopkins st. & President Place.
2835	Heitmeyer, Charles W.		Manfr. of Glass (Sec'y & Treas.)	Covington, Ky.
633	*Heitmeyer, J. F.		Lithographers (President)	418-422 Sycamore sta.
4586	Hellner, John C.	Southern Grain Co.	Wholesale Liquors	30 Main st.
1207	Hemingray, Dan. C.	Hemingray Glass Co.	Commission, Produce	S. W. cor. Main & Water sta.
1886	Henderson, W. D.	Henderson Lithographing Co.	Feed and Grain	12-14 W. Court st.
237	Herzog, George	George Herzog & Co.	Feed and Grain	Court and Broadway.
718	Herzog, Henry	Chas. H. Hess & Co.	Solicitor	404 First National Bank Bldg.
4405	Hess, Charles H.	with Joseph Heuernann	Coal, Hay (Manager)	Hopkins st. & President Place.
3721	Heuernann, Joseph	with Merchants & Mfrs. Ins. Co.	Coal, Salt, Wharfbat	Aurora, Ind.
3674	Hill, Edward C.	Southern Grain Co.	President	S. W. cor. Fourth and Vine sta.
4601	Hill, Harry H.	A. Hill & Sons		
4121	Hill, Harvey B.	Fifth National Bank		
4468	Hinsch, C. A.			
3322				

4067	Hinsch, Chapman R.	Hinsch Coal and Coke Co.	Distillers and Redistillers.	1601-02 Union Trust Building.
1126	Hirsch, Simon.	The Star Distillery Co.	Hoop-poles and Coopersage	529 & 531 Walnut st.
2037	Hoban, Nicholas J.	with H. J. Good & Co.	Hay, Grain and Feed.	S. E. cor. Race & Water sts.
4685	Hoban, Robert A.	Diamond Distilleries Co.	President.	84 Atlas Bank Building.
55	Hobart, William N.	Hoffheimer Bros. Co.	Distillers and Redistillers.	417-425 E. Pearl st.
3493	Hoffheimer, Clarence A.	Hoffheimer Bros. Co.	Distillers and Redistillers.	123 & 125 Sycamore st.
4464	Hoffheimer, Herbert.	Hoffheimer Bros. Co.	Distillers and Redistillers.	123 & 125 Sycamore st.
525	Hoffheimer, Milton S.	Hoffheimer Bros. Co.	Distillers and Redistillers.	123 & 125 Sycamore st.
3787	Hoffheimer, Samuel A.	Hoffmann Packing Co.	Pork Packers.	123 & 125 Sycamore st.
2948	Hoffmann, John.	John Hoffmann's Sons.	Pork Packers.	S. W. c. Cent. ave. & Baymiller.
3788	Hoffmann, John.		Pork and Beef Packer.	2148-2162 Coleman st.
4656	Hoffmann, Michael F.		Commissioner of Water-works.	215 W. Sixth st.
195	Holloway, C. M.	W. C. Biles & Co.	Commission, Whisky.	1307 Union Trust Building.
952	Holterhoff, Godfrey.	Homan Manufacturing Co.	Manufacturers Silver-plated Ware.	313 Vine st.
3556	Homan, Joseph T.	Homan Manufacturing Co.	Manufacturers Silver-plated Ware.	214-226 E. Seventh st.
4014	Homan, Louis.	The Putnam, Hooker Co.	Dry Goods Commission.	212-226 E. Seventh st.
260	Hooker, James J.	The John Shillito Co.	Dry Goods Commission.	212-218 E. Third st.
1083	Hopple, William A.	Hosea & Co.	General Commission Merchants.	Race, Seventh and Shillito Place.
1164	Hosay, R. H.	Louisville & Nashville R. R. Co.	Soliciting Agent.	S. W. cor. Front and Main sts.
4607	Hosty, John A.	Houston, Stanwood & Gamble Co.	Engine Builders.	S. E. cor. Fourth and Vine sts.
3840	Houston, Charles R.		Grain and Live Stock.	Covington, Ky.
4629	Howard, Harry W.	Sunnyside Distilling Co.	Distillers.	Gano, Butler Co., Ohio.
3139	Howe, Willard W.	Hubbard, Hauss & Ragsdale	Live Stock Commission	61 Pike st., Covington, Ky.
3663	Hubbard, Charles E.	Merchants & Manufacturers Ins. Co.	Wholesale Coal.	Cincinnati Union Stockyards.
980	Hubbell, W. M., Jr.	Hurford & Brown.	Secretary	511 Chamber of Commerce Bldg.
3618	Hukill, Winfield S., Jr.	W. E. Hutton & Co.	Agent, Johnston Estate.	404 First National Bank Bldg.
307	Huntington, Frank.		Contractors and Builders Supplies.	416 Johnston Building.
4666	Hurford, Henry E.		Provision Broker.	506 Chamber of Commerce Bldg.
1965	Huschart, George H.		Note, Stock and Bond Brokers.	Fosdick Bldg. 41 E. Fourth st.
49	Hutton, William E.			First National Bank Building.
4552	Immenhort, William L.	Marmet-Halm Coal & Coke Co.	Miners and Shippers of Coal.	601-602 Neave Building.
99	Ingalls, M. E.	C. C. C. & St. L. Ry. Co.	Chairman of the Board.	Big Four Office Building.
3328	Irwin, William G.	Globe Soap Co.	Merchandise Broker.	9 E. Third st.
3749	Ives, Franklin.	with Early & Daniel Co.	President.	United Bank Building.
3369	Izor, Monroe.		Flour.	N. W. cor. Sixth & Harriet sts.
4227	Jacob, Charles.	Sunnyside Distilling Co.	Pork Packer.	1972 Plum st.
265	Jacob, Charles H.	Swift & Co. (Chicago)	Distillers.	61 Pike st., Covington, Ky.
4663	Jacobs, Leo.	A. Janszen & Co.	Provisions—Local Manager	27-29 Main st.
1602	Janszen, August.		Wholesale Grocers.	117 E. Second st.
1603	Janszen, Henry.		Teamster.	117 E. Second st.

• Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME	FIRM	Business	LOCATION
2296	Johnson, John A., <i>Asst Secretary</i> .	Covington & Cincinnati Bridge Co.	Commercial Agent.	Covington, Ky.
4394	Johnson, Justin J.	C. C. & L. R. R.	General Agent.	8 East Fourth st.
4508	Johnson, N. R.	C. C. & St. L. Ry. Co.	Whisky.	37 Ingalls Building.
4463	Johnson, W. S.	W. W. Johnson & Co.	Salesman.	120 Sycamore st.
4648	Johnson, W. Thomas.	with Procter & Gamble Co.	Grain and Produce.	S. E. cor. Fourth and Main sts.
4567	Jones, Frank J.	Keystone Commercial Co.	Attorney at Law.	Pittsburgh, Pa.
2413	Jones, Harry F.	Big Hill Coal Co.	Miners and Shippers of Coal.	Fosdick Bldg., 41 E. Fourth st.
4594	Jones, John H.	Pittsburgh & Buffalo Co. (President)	Miners and Shippers of Coal.	912-913 Union Trust Building.
3960	Jones, Thomas P.	Pittsburgh & Buffalo Co. (Vice-Prest)	Miners and Shippers of Coal.	Frick Building, Pittsburgh, Pa.
4142	Jones, Walter St. John.	Jones, Montgomery & Heas.	Fire Insurance.	Frick Building, Pittsburgh, Pa.
2395	Jung, J. George.	Christian Moertlein Brewing Co.	Secretary and Treasurer.	704-705 Traction Building.
3133				2019 & 2021 Elm st.
2127	Kahn, Bernhard.	Estate Stove Co.	Stove Manufacturers	2239 Park ave.
1216	Kahn, Felix.	Estate Stove Co.	Stove Manufacturers	Hamilton, O.
444	Kahn, Lazard.	Queen City Grain Co.	Grain and Hay	Hamilton, O.
4688	Kalliaher, Dan J.	Armstrong, Riley & Co.	Manager Produce Department.	Carlisle Building.
4682	Kasten, Fred.	with J. F. Sadler & Co.	Live Stock Dealers.	103 E. Front st.
2519	Kaus, John.	Third National Bank.	Hay, Grain and Flour.	Cincinnati Union Stockyard.
4246	Keller, George.	Cincinnati Gas & Electric Co.	President.	725 Monmouth st., Newport, Ky.
824	Kellogg, Charles H., Jr.	Cincinnati Gas & Electric Co.	President.	14-18 W. Fourth st.
4561	Kenan, Norman G.	Sears Insurance Agency Co.	General Insurance.	S. W. cor. Fourth and Plum sts.
4697	Kennedy, A. Roy.	Goodloe & Kennedy.	Public Accountants and Auditors.	1310 First National Bank Bldg.
4410	Kennedy, Guy H.	Interurban Railway & Terminal Co.	Treasurer.	403 & 404 Traction Building.
420	Kennedy, John M.	J. C. Kerr & Co.	Wholesale Grocers.	415-419 Sycamore st.
1340	Kerr, J. C.			26 W. Second st.
2813	Keys, John B.	Cinti and Suburban Bell Tel. Co.	General Manager.	71 Atlas Bank Building.
3871	Kiechler, Phillip S.	Cincinnati Street Railway Co.	President.	Telephone Building.
3855	Kilgour, B. L.	New York Central Lines.	Agent.	N. E. cor. Fourth & Vine sts.
502	King, Charles H.	American Express Co.	Iron and Steel (District Manager).	16 E. Fourth st.
3909	Kingsbury, Charles G., <i>Agent</i> .	Jones & Laughlin Steel Co. (Limited)	Distiller.	1209 Union Trust Building.
2698	Kinsley, George.	Distillery Company No. 2.	Commission Produce.	Milldale, Ky.
2528	Kinsinger, Fred.	John V. Kisker & Co.	Wholesale Liquors.	11-13 Main st.
4664	Kisker, William.	Klein Bros.	Wholesale Liquors.	214 E. Eighth st.
4568	Klein, Samuel.	Klein Bros.	Salesman.	214 E. Eighth st.
4351	Klein, Sigmund.	with Union Grain & Hay Co.	President.	Rawson Building.
2903	Klein, William.	Western German Bank.	Note, Stock and Bond Brokers.	Twelfth and Vine sts.
3016	Kleybolte, Leopold.	Rudolph Kleybolte & Co.		S. E. c. Fourth and Walnut sts.
3601	Kleybolte, Rudolph			

4608	Klum, Edward T.	Merchandise Broker.	11 E. Second st.
3982	Knaul, Charles E.	Grain Commission.	517 Chamber of Commerce Bldg.
659	Knaul, M. Jr.	Capitalist.	Reading, O.
4612	Koehl, Edward G.	Grain and Hay.	S. E. c. Fourth and Walnut sts.
4435	Kochler, George.	Note, Stock and Bond Brokers.	Winton Place, City.
4719	Korn, Chester F.	Lumber Manufacturers.	305 Vine st.
3955	Koss, Nicholas	Flour Commission.	611-613 Reading Road.
4163	Kramer, William H.	Hay and Grain.	S. E. cor. Vine and Front sts.
1184	Kreis, John A.	Wholesale Grocers.	New Castle, Ind.
3289	Krell, Albert, Jr.	President.	521 Reading Road.
3053	Kroger, B. H.	President and Treasurer.	34 Mitchell Building.
3600	Kroger, Robert J.	Coal and Coke.	530 Walnut st.
2855	Krohn, Louis	Gen'l. Agent Passenger Department.	36 Ingalls Building.
4657	Krotzenberger, Charles.	Salesman.	906-910 Sycamore t.
3961	Kugel, Ignatius	Bankers.	24 E. Third st.
1023	*Kuhlmann, Bernard.	Bankers.	24 E. Third st.
1543	Kuhn, Louis.	Produce Commission.	133 E. Front st.
3905	Kuhn, Simon.	Grain and Live Stock.	Kyles, O.
1742	Kushman, Frederick.		
631	Kyle, B. F.		
2135	Lackman, Albert.	President and Treasurer.	823 W. Sixth st.
2136	Lackman, H. F.	Vice-President.	823 W. Sixth st.
1380	Lafferty, D. E.	Weighter.	Cor. Buttd and Harriet sts.
4368	Laidlaw, Walter.	Vice-President and Treasurer.	211 W. Fourth st.
2	Laidley, F. A.	General Manager.	Foot of Main st.
3052	Lampe, John B.	Feed Store.	Carthage, O.
546	Langdon, Perin	Bread and Cracker Bakers.	323-407 Lock st.
1906	Laralde, E. N.	Stock Broker.	112 E. Third st.
743	Laws, Harry L.	Commission.	1405 First National Bank Bldg.
1012	Lawson, F. H.	Tin Plate and Metals.	437 & 439 Main st.
4694	Leimmon, William A.	Vice President.	14-18 W. Fourth st.
1970	Letzt, Allen W.	Commission.	48 Walnut st.
4355	Letzler, Emil	Hay, Grain and Coal.	2533 & 2535 Vine st.
2234	Leverone, John.	Foreign Fruits and Fancy Groceries.	100 & 102 E. Front st.
748	Levi, Louis S.	Distillers and Redistillers.	P. O. Box 517, City.
1715	Levi, Sol. W.	Distillers and Liquor Dealers.	529 & 531 Walnut st.
432	*Levy, Albert	Distillers and Liquor Dealers.	307-309 Traction Building.
2461	Levy, Harry M.	Roasted Coffees (President).	Walnut and Water sts.
431	Levy, James.	Vice-President.	P. O. Box 583, City.
4644	Levy, Charles.	Secretary and Manager.	Lawrenceburg, Ind.
393	Lewis, Eugene L.		Ingalls Building.
4573	Lewis, George H.		
4208	Lewis, Thornton.		

• Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUE.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
1809	Lewis, W. H.	W. H. Lewis & Co.	Leaf Tobacco	19 W. Front St.
3924	Lindsay, John D.	Big Four Grain Elevator	Agent	Sixth and Harriet sts.
305	Lippelmann, H. H.			Glendale, O.
3180	Lippincott, W. J.			601 Fourth National Bank Bldg.
4457	Lisman, Anthony A.	A. A. Lisman & Co.	Bonds, Investment Securities	25 Broad st., New York, N. Y.
566	Loewenstein, Daniel	A. Loewenstein's Sons	Wholesale Butchers	601 Fourth National Bank Bldg.
563	Loewenstein, Herman	Cincinnati Abattoir Co.	Vice-President	25 Broad st., New York, N. Y.
3683	Lohrey, Jacob		Smoked Fish and Provisions	3251 Spring Grove ave.
1983	Long, Simon	Long, West & Co.	Live Stock Commission	2147-2151 Kindel ave.
4344	Longfellow, Nathan	N. Longfellow & Co.	Produce Commission	Cincinnati Union Stockyards.
618	Loudon, James A.	Loudon & Co.	Grain Commission	126 E. Front st.
2771	Lynn, M. E.	Queen City Coal Co.	Treasurer and Gen'l Manager	515 Chamber of Com. Bldg.
				Foot of Freeman ave.
1929	McCabe, John P.	with Early & Daniel Co.	Hay and Grain	N. W. cor. Sixth and Harriet sts.
3025	McCallister, William	Chamber of Com. Weighing Bureau	Chief Weigher	Chamber of Commerce.
4483	McCoy, Thomas A.	McCoy Bros.	Flour Mill	Liberty, Ind.
494	McCullough, Albert	J. M. McCullough's Sons Co.	Seeds, Agricultural Implements	316 Walnut st.
3977	McCullough, Harrie B.	J. M. McCullough's Sons Co.	Seeds, Agricultural Implements	316 Walnut st.
495	McCullough, J. Charles	J. Charles McCullough	Seeds, Agricultural Implements	N. E. c. Second and Walnut sts.
216	McDonald, Alexander		Pumping Machinery	3645 Clifton ave.
4359	McGowan, Robert B.	The John H. McGowan Co.	Secretary	54-58 Central ave.
2141	McHugh, James T.	Clifton Springs Distilling Co.		Cumminsville, City.
3221	McKenzie, Stephen M.			Pittsburgh, Pa.
3549	McKinley, William H.	Cincinnati Enquirer	Proprietor and Publisher	619 Vine st.
409	McLean, John R.	Cincinnati, Hamilton & Dayton Ry.	General Agent Freight Dept.	Carew Building.
1478	McLeod, A. H.	Cincinnati, Hamilton & Dayton Ry.	Assistant General Freight Agent	Carew Building.
3591	McLeod, Albert D.	Terre Haute Distilling Co.	Manager	Terre Haute, Ind.
689	McNamara, T. E.	Queen City Grain Co.	Hay, Grain and Feed	217-218 Carlisle Building.
4530	McQuillan, William R.	The Post Publishing Co.		211-221 Longworth st.
.....	McKae, Milton A., <i>Manager</i>	Island Creek Coal Sales Co.	Coal	605 Mercantile Library Bldg.
4696	McVeigh, Robert Stuart			
330	Macbrair, W. C.	Macbrair Lithographing Co.	Vice-President and General Manager.	S. E. cor. Fifth and Sycamore sts.
3639	Macdonald, John M.	with The Procter & Gamble Co.	Manager, Freight Department	S. E. cor. Fourth and Main sts.
2864	Mack, M. J.	N. W. Mutual Life Insurance Co.	Life Insurance	Traction Building.
4083	Mackey, John			Hotel Sterling.
4490	Maescher, Harry W.	Maescher & Co.	Pork and Beef Packers	1754 & 1756 Central ave.
1176	Maescher, J. V.			1754 & 1756 Central ave.

4505	Manley, Edward H.	H. H. Moyer Packing Co.	Pork and Beef Packers.	S. E. c. Central av. and Linn st.
4537	Magee, William J.	Carbon Fuel Co.	Manager and Treasurer.	1005 First Nat'l Bank Building.
186	Maguire, Charles S.	Maguire & Co.	Grain Commission.	52 Mitchell Building.
4357	Maguire, Frank R.	Maguire & Co.	Grain Commission.	52 Mitchell Building.
2335	Maloney, James.	W. P. Mappes & Co.	Wholesale and Retail Grocer.	232 Broadway.
3987	Mappes, William P.	W. P. Mappes & Co.	Produce Commission.	8 & 10 W. Court st.
2030	Marblestone, Emanuel.	M. Marcus Building Co.	President.	N. E. c. Seventh and Plum sts.
3644	Marcus, M.	Cincinnati Volksblatt.	President and Manager.	1513-1521 Plum st.
14	Markbreit, Leopold	The Marmet Coal Co.	Coal and Coke.	637 Vine st.
4296	Marmet, Edwin.	The Marmet Coal Co.	Coal and Coke.	Central ave. and Water st.
3908	Marmet, William.	Union Central Life Insurance Co.	Vice President.	Central ave. and Water st.
4646	Marshall, Albert P.	with The Shinkle-Wilson-Kreis Co.	Salesman.	S. E. cor. Fourth & Central ave.
3187	Martin, Robert A.	Star Union Line.	Freight Solicitor.	Front and Vine sts.
4543	Matcliffe, A. S.	Castner, Curran & Bullitt.	Coal and Coke (Agent).	42 E. Fourth st.
3895	Mather, Henry R.	P. C. C. & St. L. Ry. Co.	Division Freight Agent.	201-202 Neave Building.
4694	Matthews, S. C.	Pittsburgh & Cincinnati Packet Co.	General Agent.	901 Union Trust Building.
956	Mauck, Eli R.	Mayer Bros. Co.	Wholesale Liquors.	204 E. Front st.
3868	Mayer, Emil M.	Rogers, Brown & Co.	Pig Iron.	S. W. cor. Pearl and Walnut sts.
4132	Mcacham, D. B.	Bromwell Brush and Wire Goods Co.	Lumber.	McMicken and Ohio aves.
4454	Meier, H. W. Jr.	The Henderson Clothing Co.	Manfrs. Brushes and Wire Goods.	612 W. Sixth st.
3921	Melish, William B.	Monong'la Riv. Con. Coal & Coke Co.	President.	409 Commercial-Tribune Bldg.
2569	Menderson, Jacob.	Mente & Co.	Supt. of Harbors and Boats.	Front and Lawrence sts.
4219	Menges, Charles J.	C. C. C. & St. L. Ry. Co.	Manufacturers of Bags.	New Orleans, La.
3390	Mente, Eugene W.	J. V. Metzger & Co.	Division Freight Agent.	Big Four Office Building.
4164	Metzger, George.	The H. H. Meyer Packing Co.	Grain and Hay.	Whilmington, Ohio.
4511	Meizer, John V.	The H. H. Meyer Packing Co.	Pork and Beef Packers.	S. E. cor. Central av. and Linn st.
4428	Meyer, Clarence B.	The H. H. Meyer Packing Co.	Pork and Beef Packers.	S. E. cor. Central av. and Linn st.
4438	Meyer, Harry E.	The H. H. Meyer Packing Co.	Pork and Beef Packers.	S. E. cor. Central av. and Linn st.
66	Meyer, H. H.	The Mihalovitch-Fletcher Co.	Wines and Liquors.	514-518 E. Pearl st.
3245	Mihalovitch, B.	The Mihalovitch-Fletcher Co.	Wines and Liquors.	514-518 E. Pearl st.
3218	Mihalovitch, Morris.	Smokeless Fuel Co.	Chief of Police.	City Hall, Eighth and Plum sts.
2490	Millikin, P. M.	The Minor & Dixon Co.	President.	132 Ingalls Building.
4380	Milton, Charles J.	The P. R. Mitchell Co.	Wholesale Grocers.	212 & 214 Vine st.
779	Minor, James R.	Fruit and Produce News.	Produce Trade Paper (Local Mgr.).	Harrison and Spring Grove aves.
873	Mitchell, Pierson R.	Moch, Berman & Co.	Capitalist.	77 St. Paul Building.
4681	Mitchell, William A.	Christian Moerlein Brewing Co.	Wholesale Clothiers.	S. W. c. Elm and McFarland sts.
2911	Moch, Elias.	Maley, Thompson & Moffett Co.	President.	S. W. c. Elm and McFarland sts.
2912	Moch, Moses E.	The C. H. Moore Oil Co.	Hardwood Lumber.	2019 & 2021 Elm st.
4248	Moerlein, John.	with Early & Daniel Co.	Provision Broker.	Eighth and Evans sts.
4249	Moffett, T. J.	Monong'la Riv. Con. Coal & Coke Co.	Flour and Lubricants.	Fosdick Bldg., 41 E. Fourth st.
1299	Montgomery, Robert.	Georgia Railroad	Flour and Feed.	York st. and McLean ave.
4247	Moore, Charles H.	with T. J. Hall.	Commercial Agent.	Elsinore ave. and C. L. & N. R. R.
4436	Moore, Thomas L.		Towboat and Barges.	Pittsburgh, Pa.
2621	Moren, John.			629 Union Trust Building.
4581	Morgan, A. R.			Foot of Lawrence st.
4303	Morgan, Daniel H.			

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

NO.	NAME.	FIRM.	BUSINESS.	LOCATION.
4652	Morris, Ralph H.	The Southern Railway	Commercial Agent.	1406 Traction Building.
114	Morrison, James K.	James K. & John C. Morrison	Brokers.	Chamber of Commerce.
4378	Morrison, John C.	James K. & John C. Morrison	Brokers.	Chamber of Commerce.
4545	Morrison, Roger.	with Thomas Morrison & Co.	Pork Packers.	Bank and Winchell ave.
113	Morrison, Thomas.	Thomas Morrison & Co.	Pork Packers.	Bank and Winchell ave.
3334	Morse, Charles P.	Erie Railroad Co.	General Agent.	304 Mercantile Library Bldg.
4072	Morten, Joseph D.	with Cincinnati Price Current.	President.	Brandon Building.
1813	Mosler, Max.	The Brighton German Bank.	Secretary and Treasurer.	Cor. Harrison and Colerain aves.
3824	Mueller, Fred.	George Zehler Provision Co.	Coal.	1705 Logan st.
1982	Mueller, John.		Superintendent.	Lockland, O.
3175	Mullhauser, Edward C.	Windisch-Muhlhauser Brewing Co.	Treasurer.	Plum and Liberty sts.
2941	Muhlhauser, Henry, Jr.	Windisch-Muhlhauser Brewing Co.	Produce and Provisions.	Plum and Liberty sts.
4712	Mulvihill, John A.	J. C. Mulvihill.	Undertaker.	38 Walnut st.
3398	Mulvihill, Thomas J.		Flour Inspector.	S. E. cor. Sycamore and New sts.
283	Munson, George F.		Vice-President.	Chamber of Commerce
4265	Murphy, Edwin W.	Agent Groesbeck Estate.	Supt. Chamber of Commerce.	407 Johnston Building.
4403	Murphy, William J.	Cin. New Orleans & Tex. Pac. Ry. Co.	Broker, Bonds and Stocks.	Ingalls Building.
121	Murray, Charles B. (Honorary).	Editor Cincinnati Price Current.	Manager, Muth Branch.	Brandon Bldg. & Cham. of Com.
4441	Murray, Charles C.	National Biscuit Co.	Distillers and Wholesale Liquors	405 Union Trust Building.
2750	Muth, Aug. E.	Myers & Co.		411-419 Richmond st.
4708	Myers, Henry R.			Covington, Ky
3783	Nadaud, C. E.		Distillers.	37 St. Paul Building.
1154	*Nagel, Henry.	A. Guckenheimer & Bros. (Pittab'gh)	Coal Miners and Shippers.	1617-1618 First Nat'l Bank Bldg.
4361	Nathan, Hugo.	Black Band Coal & Coke Co.	President.	N W c. Second and Walnut sts.
4717	Nease, David A.	The Bradford Belting Co.	Pumping Machinery.	58 Central ave.
2858	Neff, Clifford Gordon.	The John H. McGowan Co.	Commission Produce.	53 Walnut st.
3730	Neil, John W.	F. Jelke & Son Co.	Mfrs. Ice & Refrigerating Machinery	Norwood, Ohio.
4617	Neukon, Charles H.	The F. W. Niebling Co.	Sales Agent.	1527 Union Trust Building.
4606	Niebling, Fred W.	Winifrede Coal Co.	Flour Mill.	Sunman, Indiana.
4502	Nielson, Harry R.	with Union Grain & Hay Co.	Salesman.	Rawson Building.
4713	Nieman, Christian.	with R. G. Dun & Co.	Assistant Manager.	Ingalls Building.
4577	Nippert, C. E.	Continental Line—Cent. States Desp.	General Manager.	902 First National Bank Bldg.
3456	Nixon, Willard D.	Nordmeyer & Berding.	Flour, Grain and Mill Feed.	708 Washington st., Cov., Ky.
4201	Noonan, Thomas H.	A. G. Norman & Co.	Produce Commission.	40 Walnut st.
1131	Nordmeyer, Andrew.			
3992	Norman, Andrew G.			
4409	*O'Dell, William J.	Butchers Packing Co.	Slaughtering and Packing.	529-539 Poplar st.
4699	Orth, Joseph C.			

4102	Orth, Joseph G.	Joseph G. Orth & Co.	Flour and Feed	513 Monmouth st., Newport, Ky.
3368	O'Shanglesy, P.	James Walsh & Co.	Distillers	201 Union Trust Building.
4642	Ottenheimer, Jacob.	Levi & Ottenheimer.	Wines and Liquors	533 Walnut st.
4671	Otterhein, Henry C.	A. Nielsen & Co.	Household Furnishings	225 W. Fourth st.
1484	Pape, A. H.		Reporter	Chamber of Commerce.
1673	Parker, Luther		Hay, Grain and Feed	307 Broadway (P. O. Box 177).
4598	Patterson, Louis B.		Stock and Grain Dealer	120 W. Second st.
3833	Payne, Henry H.			Camden, O.
1518	Peabody, W. W.			Madisonville, O.
3064	Perin, Lyman, Jr.	Perin Brothers.	Millers and Flour Dealers	14-18 E. Front st.
4461	Perin, Vinton.	Perin Brothers.	Millers and Flour Dealers	14-18 E. Front st.
1918	Perin, Oliver L.	Millcreek Distilling Co.	General Manager	639 Evans st.
4323	Peter, Emil C.	Jacobs Cordage Co.	Vice-President	1205 Budd st.
3565	Pettibone, James.	Pettibone Bros. Manufacturing Co.	President	626-632 Main st.
1922	Pfister, Frederick	Butchers Hide Association.	Superintendent	508-514 Poplar st.
4390	Priester, Joseph	The Cincinnati Abattoir Co.	Buyer	3251 Spring Grove ave.
727	Pine, William	Jason Evans Estate	Agent	4 Temple Bar.
3358	Po-zur, John F.	H. E. Pogue Distilling Co.	President	909 First National Bank Bldg.
2981	Pohlman, G. W.	National Insurance Co.		1201 First National Bank Bldg.
3088	Poland, Lawrence		Iron and Metals	118-120 W. Second st.
2507	Pollak, Emil	Block-Pollak Iron Co.	Manager Wholesale Department	Carriage (P. O. Box 678, Cin'ti, O.)
4622	Poyssal, Charles W.	The Marmet Coal Co.	Distillers and Liquor Dealers	Central ave. and Water st.
760	Pritz, Benjamin	Strauss, Pritz & Co.	Distillers and Liquor Dealers	908 & 911 Sycamore st.
3670	Pritz, Sidney E.			908 & 911 Sycamore st.
528	*Procter, William A. (Honorary).	The Procter & Gamble Co.	Soap, Candles and Oils (President)	S. E. cor. Fourth and Main sts.
2488	Procter, William Cooper.			
4193	Prosser, George	Queen City Supply Co.	Railroad, Mill and Factory Supplies.	201-205 W. Pearl st.
4706	Puchta, George	Herrings-Hall-Marvin Safe Co.	Safe and Lock Works	Hamilton, O.
769	Pullen, Richard T.	The Putnam-Hooker Co.	Dry Goods Commission	212-218 E. Third st.
269	Putnam, B. W.			
4704	Quack, John	Estate of C. Sandheger.	Wholesale Liquors	123 E. Court st.
4492	Raible, John C.	Eckhardt & Raible.	Flour	933 W. Fifth st.
2938	Rauh, Frederick	Frederick Rauh & Co.	Insurance	1202 First National Bank Bldg.
2248	Raum, John	John Raum & Co.	Pork Packers	306 & 308 E. Pearl st.
959	Rawson, Edward	J. Rawson's Sons.	Pork Packers	Spring Grove av., nr. Stockyards.
4453	Ray, William F.	Clifton Springs Distilling Co.	Superintendent	Cumminsville, City.
4646	Redway, A. J.	A. J. Redway & Co.	Concrete Construction & Insulation.	Mitchell Building.

* Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
4327	Reichel, George.	with Seasongood & Mayer.	Teamsters and Heavy Hauling.	Foot of Mill st.
213	Reis, Julius.	Cincinnati Ice Co. (Incorp. 1905).	Bankers.	406 Walnut st.
3243	Reynolds, Robert R.	Rheinstrom Bros.	President.	N. W. cor. Race and Canal sts.
1376	Rheinstrom, Abraham.	Rheinstrom Bros.	Wholesale Liquors.	Pearl and Martin sts.
1377	Rheinstrom, Isaac.	Rheinstrom Bros.	Wholesale Liquors.	Pearl and Martin sts.
3885	Rheinstrom, Sigmond.	Rice & Tunney.	Grain and Hay.	771 Greenwood ave., Avondale.
4659	Rice, Charles F.	The Haldeman Paper Co.	Manfrs. of Paper (President).	2717 Colerain ave.
4387	Richardson, Charles C.	Gale Bros. Co.	Hay, Grain and Feed.	Lockland, O.
4550	Richter, Herman Edward.	Cincinnati Grain Co.	Book-keeper.	Third and W. Front sts.
4682	Riesenbergh, Herman.	Omaha Packing Co. (Chicago).	Coal Gauger.	Water and Walnut sts.
3971	Rigdon, Harry.	Cin. New Orleans & Texas Pacific Ry.	Manager, Cincinnati Office.	Front and Harriet sts. Tel. W-733
4654	Riley, Charles W., Jr.	Fairbanks, Morse & Co.	General Passenger Agent.	110 E. Second st.
4136	Rinearson, William C.	W. F. Robertson Steel and Iron Co.	General Freight and Passenger Agent.	Ingalls Building.
201	Roach, P. E.	P. C. C. & St. L. Ry. Co.	Provisions.	433 W. Eighth st.
1665	Robb, J. M. D., <i>Manager</i> .	Cin'ti, Lebanon & Northern Ry. Co.	Flour.	137 W. Fourth st.
3839	Robertson, William F.	Fairmont Coal Co.	General Manager.	S. W. cor. Front and Elm sts.
4288	Robinet, A. L.	The Andrew Rohan Co.	Commission, Produce.	Front and Butler sts.
4086	Rockel, Charles.	Romer Bros.	Produce Commission.	51 Walnut st.
4611	Rockwell, Clay.	Whitcomb & Root.	Grain and Hay.	Court st. near Broadway.
4262	Rosler, Albert.	H. Rosenthal & Sons.	Wholesale Liquors.	123 E. Liberty st.
4031	Rogers, William C.	The John C. Roth Packing Co.	Treasurer.	1201-1205 Traction Building.
4112	Rohan, Andrew.	Sinton Hotel.	Managing Director.	50 Walnut st.
3989	Romer, Louis.	The John C. Roth Packing Co.	President.	1011 Race st.
777	Root, George A.	The John C. Roth Packing Co.	Vice-President and Secretary.	48 Mitchell Building.
3844	Rosenthal, Myer S.	Eureka Fire and Marine Ins. Co.	President.	341 Main st.
4223	Roth, Charles E.	D. Rothschild Grain Co.	Grain Commission.	1010 Gest st.
2028	Roth, E. N.	Fleischmann & Co.	General Manager.	S. E. cor. Fourth and Vine sts.
3569	Roth, Joseph L.	The Henry M. Rubel Co.	Whiskies.	1010 Gest st.
3114	Rothier, F. A.	J. J. Rucker & Co.	General Merchandise.	121 E. Third st.
4579	Rothschild, David.	De La Vergne Refrig. Mch. Co., N. Y.	Fire Insurance.	Davenport, Ia.
2949	Rover, August.	George Rupp & Co.	Coal and Feed.	125 W. McMillan st.
798	Rowe, Casper H.	The Ryan Soap Co.	Manufacturers of Soap.	N. W. cor. Plum and Perry sts.
4392	Rubel, Henry M.	Cincinnati Abattoir Co.	Pork and Beef Packers.	229 Race st.
3544	Rucker, John J.	Cincinnati Provision Export Co.	President and Treasurer.	Hebron, Ky.
3471	Ruhrmann, Otto.			811 Neave Building.
4178	Rupp, George.			1206 First National Bank Bldg.
2980	Rutter, Frank J.			Hamilton, O.
4535	Rutter, Frank J.			(cor. Eastern and Strader aves.
4274	Ryan, Joseph.			2641 Spring Grove ave.
224	Ryan, Mathew.			3251 Spring Grove ave.
....	Ryan, Michael (Honorary).			Chamber of Commerce Bldg.
227	Ryan, Richard.			

753	Sadler, L. L.	J. F. Sadler & Co.	Live Stock Brokers.	Cincinnati Union Stockyards.
1070	Sander, Adolph	A. Sander Packing Co.	Pork and Beef Packers.	1022 & 1024 Gest st.
4376	Sander, Armin H.	A. Sander Packing Co.	Pork and Beef Packers.	1022 & 1024 Gest st.
3811	Sawelle, William C.	The Old "76" Distilling Co.	Vice-President.	9 Masonic Temple.
4381	Sawelle, Charles E.	Postal Telegraph Cable Co.	Manager.	23 Fountain Square.
4688	Sayers, Eugene B.	Young Men's Mutual Life Assn.	Agent.	406 First National Bank Bldg.
323	Scarlett, Joseph A.	R. G. Dun & Co.	Mercantile Agency (Manager).	Ingalls Building.
4134	Schapker, Bernard.	B. Schapker & Co.	Provision and Merchandise Brokers.	15 E. Third st.
4180	Scheli, Albert W.	Albert W. Schell & Co.	Fire Insurance.	1410 First National Bank Bldg.
4658	Schepers, William	Union Savings Bank and Trust Co.	Commission, Grain, Hay, etc.	2454 W. Sixth st.
680	Schmidlapp, J. G. (Honorary)	The Sam. W. Weidler Co.	Chairman of the Board.	Union Trust Building.
716	Schmidt, Charles W.	John Schneider's Son & Co.	President—Flour and Corn Products	943-949 W. Sixth st.
288	Schmidt, Frederick A.	John Schneider's Son & Co.	Real Estate Agent and Loans.	114 E. Fourth st.
548	Schmitt, Anthony	The Cincinnati Traction Co.	Millers and Bakers.	4248 Hamilton ave.
4532	Schneider, Charles T.	Otto Marmet Coal and Mining Co.	Millers and Bakers.	1422 & 1424 Walnut st.
1849	Schneider, George C.	J. Schriewer & Co.	President and General Manager.	1422 & 1424 Walnut st.
4600	Schoepf, W. Kesley	J. & F. Schroth Packing Co.	Gen'l Manager, Raymond City, W. Va.	Traction Building.
4155	Schonebaum, Edward	J. & F. Schroth Packing Co.	Flour, Grain and Mill Feed.	601-602 Neave Building.
3680	Schriewer, John	J. & F. Schroth Packing Co.	Pork and Beef Packers.	Big Four Storage Warehouse.
80	Schroth, Fred	M. Werk Co.	Pork and Beef Packers.	Camp Washington, City.
4443	Schroth, John J.	Covington Coal Co.	Soap and Candles.	411 Poplar st.
966	Schwartz, Michael	F. A. Schwill & Son	Manager.	717 Madison ave., Covington, Ky.
4421	Schweinefuss, Arnold	Sears Insurance Agency Co.	Bar Glassware and Bottlers' Supplies.	312 Main st.
3739	Schwill, Albert, Jr.	Seasongood & Mayer.	Fire Insurance.	1310 First National Bank Bldg.
1259	Sears, J. M.	Kanawha Dispatch Routes.	Bankers.	406 Walnut st.
889	Seasongood, Adolph J.	A. Senior & Son.	Public Weigher.	1101-1102 Union Trust Bldg.
888	Seasongood, Lewis.	W. H. Settle & Co.	Agent.	Foot of Lawrence st.
.....	Seelick, R. E.	J. A. Severet & Co.	Wholesale Liquors.	810 Traction Building.
4630	Seely, Orville N.	Lockland Milling Co.	Wholesale Liquors.	Mitchell Building.
987	Senior, Edward	I. Shields & Co.	Coal, Flour and Feed.	Mitchell Building.
3198	Senior, Max	The John Shillito Co.	Pork and Beef Packers.	Madisonville, O.
4486	Settle, W. H.	The Shinkle-Wilson-Kreis Co.	Flour Mills.	32 E. Front st.
881	Severet, John Albert	Shields & Co.	Whisky Brokers.	Lockland, Ohio.
4660	Sexton, William D.	The John Shillito Co.	Wholesale and Retail Dry Goods.	226 Main st.
3374	Shields, Joseph	The Shinkle-Wilson-Kreis Co.	Wholesale Grocers.	Race, Seventh and Shillito Place.
790	Shillito, Stewart	Short, F. H.	General Insurance.	8. E. cor. Front and Vine sts.
1183	Shinkle, Bradford	Joseph Silverman & Co.	Feed Store and Furniture Storage.	603 First National Bank Bldg.
3380	Shipley, Edward E.	Simmons & Norris.	Wholesale Store and Furniture Storage.	609 Mound st.
500	Short, F. H.	Mutual Benefit Life Insurance Co.	Wholesale Liquors.	1709 Elm st.
3314	Sicking, J. B.	Straub Machinery Co.	Produce Commission.	242 Main st.
2340	Silverman, Joseph	Washington Rolling Mill Co.	District Agent.	41 Walnut st.
4661	Simmons, William M.	Washington Life Insurance Co.	Flour Mill and Distilling Machinery	31-32 Ingalls Building.
3334	Simpson, F. H.	.....	Vice-President	1948-1956 W. Sixth st.
4546	Simpson, Orville	.....	General Manager State of Ohio.	Zanesville, Ohio.
2576	Simpson, William T.	.....	.....	604-610 Union Trust Building.
4522	Skinner, Edgar C.	.....	.....	.....

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
4673	Skinner, Edwin C.	Cincinnati, Hamilton & Dayton R. R.	Local Freight Agent.	Sixth and Baymiller sta. 2226 Park ave.
3308	Skinner, Robert T.		Live Stock Commission.	John and Livingston sta.
2260	Slimer, George, Jr.		Provisions.	123 E. Second st.
3712	Slusser, William A.	A. E. Smith & Co.	Commission, Grain.	P. O. Box 367.
673	Smith, Albert E.	Millcreek Valley Starch Co.	Starch Manufacturers.	Winton Place, City.
4707	Smith, Charles B.			Citizens National Bank Bldg.
2429	Smith, Charles H.			910 First National Bank Bldg.
3379	Smith, Edwin F.	J. Allen Smith & Co.	Merchant Milling.	Knoxville, Tenn.
4702	Smith, James Allen.	Adam Smyrl & Co.	Commission, Flour.	7 Mitchell Building.
2026	Smyrl, Adam.	The Schaller Brewing Co.	President.	1622 Main st.
701	Sohn, J. Edward.	Central of Ga. Railway Co.	Commercial Agent.	531 Union Trust Building.
4200	Solar, George T.	Lindenber, Straus & Co.	Wholesale Jewelers.	25-29 Carew Building.
1732	Sommers, S.	with J. & F. Schroth Packing Co.	Salesman.	Camp Washington, City.
4191	Spills, John F.	Victor Safe and Lock Co.	President.	Ninth and Broadway.
3333	Spivey, Thomas S.		Shirt Manufacturer.	7 Wiggins Block.
2157	Sprague, E. T.	W. P. Squibb & Co.	Distillers.	Lawrenceburg, Ind.
3616	Squibb, William P.	George H. Stapely & Co.	Brokers.	Room D, Chamber of Com. Bldg.
4695	Stapely, George H.	The Stearns & Foster Co.	Manfrs. of Wadding and Batting.	114-120 E. Canal st.
1248	Stearns, Edwin R.	Stephens, Lincoln & Stephens.	Attorneys at Law.	1502 First National Bank Bldg.
1797	Stephens, Charles H.			
2932	Stephenson, R. B.			
736	Stern, Jacob.	Stern, Frank & Co.	Commission, Live Stock.	Cincinnati Union Stockyards.
3123	Stewart, Charles, Jr.	with Stearns & Foster Co.	Bookkeeper.	114-120 E. Canal st.
4654	Stix, Aaron L.	Louis Stix & Co.	Dry Goods.	S. W. cor. 7th & Walnut sta.
290	Stone, John E.	T. B. Stone Lumber Co.	Broker, Provisions and Oil.	Room C, Chamber of Com. Bldg.
250	Stone, Thomas B.		Hardwood Lumber.	1027-1029 Union Trust Building.
2036	Storer, Bellamy.		Importer of Cigars.	115 E. Fourth st.
3031	Straus, Henry.	Geo. H. Strietmann's Sons Co.	Wholesale Bakers.	527 & 529 Vine st.
4485	Strietmann, Albert P.	The Strobidge Lithographing Co.	President.	S. E. cor. Twelfth and Plum sta.
2886	Strobridge, Hines.	Dominick & Dominick.	Bankers and Brokers (Manager).	108-118 W. Canal st.
3978	Stueve, Samuel E. E.	Henry W. Brown & Co.	Flour and Grain.	333 Walnut st.
4364	Stueve, William G.		Insurance Agent.	831 W. Sixth st.
1036	Sturm, Simon.	J. J. Sullivan & Co.	Livery and Undertaking.	116 E. Third st.
1753	Sullivan, J. J.		Real Estate.	421 Central ave.
3571	Sullivan, John.	Eagle White Lead Co.	President.	N. E. cor. Fifth and Main sta.
3727	Swift, John B.	Eagle White Lead Co.	Superintendent.	1020-1030 Broadway.
3647	Swift, Thomas T.			
371	Taft, Charles P., President.	Cincinnati Times-Star Co.		N. E. cor. Sixth and Walnut sta.
4312	Taylor, Alfred B.	Interstate Grain Co.	President.	52 Mitchell Building.
4687	Taylor, George H.	Cincinnati Elevator & Storage Co.	Superintendent.	Sixth Street and Big Four R. R.

3986	Telker, Hermann.....	Telker & Dunker.....	Produce Commission.....	118 E. Court st. Covington, Ky.
4476	Terrill, Edward B.....	Early & Daniel Co.....	Hay and Grain.....	Pittsburgh, Pa.
3767	Theis, George W.....	Monong'la Riv. Con. Coal & Coke Co.	Coal.....	3-7 W. Third st. Pittsburg, Pa.
4318	Thomas, F. P.....	Peacock Distilling Co.....	Secretary.....	
4633	Thomas, George W.....	C. Jutte & Co.....	Miners and Shippers of Coal.....	
149	*Thompson, M. D.....	S. Obermayer Co.....	Foundry Supplies.....	641-647 Evans st.
3250	Thornier, Justus.....	J. E. Jones & Co.....	Investment Securities.....	412 First National Bank Bldg.
3665	Thurnauer, Charles M.....	Interstate Grain Co.....	Grain, Provisions and Stocks.....	112 Carlisle Building.
4589	Tilghman, Harry E.....	B. & O. S-W. R. R. Co.....	Division Freight Agent.....	52 Mitchell Building.
4585	Todd, William S.....	H. Weber & Co.....	Feed and Grain.....	510 Traction Building.
4332	Tomlinson, Charles W.....	The I. Trager Co.....	Wholesale Liquors.....	Cumminsville, City.
1698	*Tompcooler, Barney.....	The I. Trager Co.....	Wholesale Liquors.....	317-321 E. Eighth st.
3367	Trager, Isidore.....	P. Trent Company.....	Millers Agents.....	317-321 E. Eighth st.
4721	Trager, I. Newton.....	The Trum Coal Co.....	Cigar Box Manufacturer.....	515 Fourth National Bank Bldg.
4710	Trent, Pearl.....	The Tudor Boiler Mfg. Co.....	Coal and Coke.....	12-16 W. Canal st.
1515	Trost, Samuel W.....	The Tudor Boiler Mfg. Co.....	Coal and Coke.....	Foot of Mill st.
4294	Trum, August B.....	The Tudor Boiler Mfg. Co.....	President.....	716 E. Pearl st.
4693	Tudor, Charles E.....	Frank G. Tullidge & Co.....	Wholesale Liquors.....	111 E. Pearl st.
1741	Tudor, Hugh.....	Atlanta & West Point R. R.....	Commercial Agent.....	111 E. Fifth st.
4684	Tullidge, Frank G. Jr.....			1232 Union Trust Building.
4678	Tyler, George B.....			
1	Urner, Henry C. (Honorary).....	Little Miami R. R.....	Secretary and Treasurer.....	Foedick Bldg., 41 E. Fourth st.
.....	Vance, John L. (Honorary).....	Ohio Valley Improvement Associa'n.....	President.....	254 E. Broad st., Columbus, O.
889	Van Cleef, C. M.....	J. Van Hart & Sons.....	Teamsters and Tanbark Dealers.....	846 Lexington ave.
3765	Van Hart, William A.....		Grain, Live Stock.....	N. W. cor. Elm and Water sts.
1386	Van Hise, W. L.....	The Van Leunen Co.....	Hay and Grain (Secretary).....	West Chester, O.
1379	Van Horn, S. A.....	The Van Leunen Co.....	Hay and Grain (President).....	Lawrenceburg, Ind.
4555	Van Leunen, Charles E.....	The Cincinnati Grain Co.....	Hay and Grain.....	Covington, Ky.
770	Van Leunen, J. W.....	The J. W. Biles Co.....	Commission, Whisky (President).....	Covington, Ky.
771	Van Leunen, Peter.....	Seaboard Air Line Railway.....	Commercial Agent.....	Decatur, Ills.
958	Van Nes, Hans.....	The J. H. Hermes Co.....	Commission, Hay and Grain.....	8 & 10 E. Third st.
4525	Vazeille, E. R.....	Cumberland Gap Despatch.....	Soliciting Agent.....	604 Mercantile Library Bldg.
763	Vineith, Frank.....	Goyert & Vogel.....	Produce Commission.....	204 E. Front st.
4690	Vineth, Henry F.....	Jacob Vogel & Son.....		S. E. cor. Fourth and Vine sts.
343	*Vogel, Henry.....	D. Hoppe & Co.....	Pork Packers.....	49 Walnut st.
1108	*Vogel, Jacob, Sr.....	S. R. Voorhees & Co.....	Flour and Feed Mills.....	2004 Colerain ave.
1107	Vogel, Jacob, Jr.....	Union Savings Bank and Trust Co.....	Grain Commission.....	31 Walnut st.
4635	Vonderhabe, George H. Jr.....	H. W. Voss & Co.....	Vice-President.....	1513 & 1515 Harrison ave.
2289	Von Holle, Theodore.....		Whisky Brokers.....	12 St. Paul Building.
4665	Voorhees, A. D.....			Union Trust Building.
3444	Voorheis, Albert B.....			N. E. cor. Pearl and Main sts.
2798	Voss, Henry W.....			

° Deceased.

MEMBERS OF THE CINCINNATI CHAMBER OF COMMERCE AND MERCHANTS' EXCHANGE.—CONTINUED.

No.	NAME.	FIRM.	BUSINESS.	LOCATION.
3918	Wachs, William C.	German National Bank	Assistant Cashier	N. W. cor. Fourth and Vine sts.
3906	Wagner, Christopher P.	C. P. Wagner & Co.	Oils	126 Sycamore st.
4672	Walzmann, Otto	Rosenbaum Bros.	Grain	77 Board of Trade, Chicago, Ills.
4587	Walker, John G.	Sam. W. Weidler Co.	Mfrs. Flour & Corn Products	943-949 W. Sixth st.
963	Wallace, James B.	James Walsh & Co.	Real Estate and Auctioneer	63 Mitchell Building.
1887	Walsh, Nicholas J.	M. H. Alexander Co.	Distillers	201 Union Trust Building.
4590	Walter, Ivan C.	George W. Ward & Co.	Molasses and Syrup (Sec'y & Treas.)	226-230 E. Front st.
1342	Ward, George W.		Commission, Cordage, Sheet, etc.	224 E. Front st.
2273	Warth, Marcus		Commission, Tallow and Grease	
278	Washington, W. H.	B. W. Wasson & Co.	Commission, Grain	1312 First National Bank Bldg.
621	Wasson, B. W.	H. Weber & Co.	Feed and Grain	910 First National Bank Bldg.
945	Weber, Henry	Standard Hay & Grain Co.	Hay and Grain	Station A. Cumminsville, City.
4618	Weber, William H.	with John Schneider's Son & Co.	Mill and Bakery	Sixth and Carr sts.
3943	Weichselder, Philipp	Western German Bank	Cashier	1422 & 1424 Walnut st.
3963	Weil, Edward F.	S. & M. Weil & Co.	Commission, Produce, Fruits, etc.	Twelfth and Vine sts.
3001	Weil, Samuel, Jr.		Canned Goods, Preserves, Pickles	106 E. Front st.
2437	Weiskopf, Levi	The J. Weller Co.	Feathers and Ginseng	1009 Fourth Nat'l Bank Bldg.
866	Weller, Jacob	Samuel Wells & Co.		Spring Grove av., near Alabama.
4334	Wells, S. Percy	P. C. C. & St. L. Ry. Co.		211 Vine st.
....	Welsh, John W., <i>Contracting Agt.</i>			42 E. Fourth st.
965	Werner, Fred. J.	The John Hauck Brewing Co.	Secretary	411 Poplar st.
2287	Wess, Bernard H.	G. J. Wess & Sons	Grain, Hay, Mill Feed and Coal	Central ave. and Dayton st.
4393	West, Robert H.	Long, West & Co.	Live Stock Commission	Winton Place, Ohio.
1227	Westheimer, Leo F.	Ferdinand Westheimer & Sons	Distillers	Cincinnati Union Stockyards.
4467	Westheimer, Morris F.	The Wetterer Brewing Co.	Distillers	317 & 319 Main st.
4183	Wetherer, John		President	317 & 319 Main st.
1040	Whetstone, H. C.	Canadian Pacific Dispatch	Coal	2125 Central ave.
3044	White, Burton R.	Fourth National Bank	Agent	Columbia (Station C), City.
3416	White, John	The Ault & Wiborg Co.	Distillers' Agent	23 Carew Building.
1816	White, M. M., <i>President</i>	Wiborg, Hanna & Co.	Grain Commission	Chamber of Commerce.
4261	Whittaker, H. S.	George Wiedemann Brewing Co.	Broker, Stocks and Bonds	4244 Hamilton ave.
1052	Whittaker, H. S.	Herman Lackman Brewing Co.	Printing Inks, etc	18-22 E. Fourth st.
2280	Wiborg, Frank B.	Georgia Southern & Florida Ry. Co.	Poplar and Hardwood Lumber	323-325 Carlisle Building.
1939	Wiborg, H. P.	The Willey Mill & Elevator Co.	Secretary	432 New st.
3231	Wiedemann, Charles	Williams Directory Co.	Commercial Agent	Cummins st., Fairmount.
3671	Wieman, B. R.	The D. T. Williams Valve Co.	Milling, Grain, Coal, Lumber	Newport, Ky.
2172	Wilcox, George H.		Directory Publishers	823 W. Sixth st.
4718	Wiley, Stephen E.		Weigher	1407 Traction Building.
4531	Williams, A. V.		Valves and Engineering Specialties	Ross, O.
2278	Williams, Charles E.			208 Longworth st.
4553	Williams, David T.			910 Broadway.
4207				904-910 Broadway.

4566	Williamson, E. E.	Receivers and Shippers Association.	Commissioner.	1216-1217 Union Trust Building.
3468	Williamson, Lawrence	The Willson Co.	Flour Mills—Dairy Farms.	21 W. Third St., Newport, Ky.
3331	Wilson, William D.	The Shinkle-Wilson-Kreis Co.	Wholesale Grocers.	Osgood, Ind.
750	Wilson, Benjamin C.	The Shinkle-Wilson-Kreis Co.	Wholesale Grocers.	S. E. cor. Front and Vine sts.
749	Wilson, Charles E.	Greenup Milling Co.	Millers.	S. E. cor. Front and Vine sts.
4647	Wilson, R. E. Lee	Windisch-Muhlhauser Brewing Co.	Secretary	Greenup, Ky.
3508	Windisch, Charles F.	Bryant Paper Co.	Paper Dealers (Vice President)	Plum and Liberty sts.
4084	Wing, Charles B.	Cincinnati Transfer Co.	Hides, Wool, Furs, etc.	908-909 Fourth Nat'l Bank Bldg.
4104	Winterbottom, William J.	L. Wise & Bros.	Vice-President	57-58 Mitchell Building.
4276	Wise, Ludwig	Consolidated Boat Store Co.	Reporter.	36 Main st.
1994	Wise, Robert W.	The Witt Cornice Co.	President.	222 & 224 Public Landing.
2661	Wisser, Gustav G.	The J. W. Biles Co.	Whisky Commission	Chamber of Commerce.
3555	Witt, George C.	Greendale Distilling Co.	Provision Broker	Eighth and Broadway.
4462	Wittekind, Abe.	Henry Wolter & Co.	Distillers (Secretary and Treasurer)	8 & 10 E. Third st.
1316	Woesten, John	The Chatfield & Woods Co.	Commission, Grain, Hay, Produce.	516 Chamber of Commerce Bldg.
4440	Wolking, William C.	The Chatfield & Woods Co.	Grain	Lawrenceburg, Ind.
2847	Wolter, Henry	Union Savings Bank & Trust Co.	Paper Dealers	47 Walnut st.
3060	Wood, Albert G.	D. H. Baldwin & Co.	Real Estate and Auctioneer	2520 Alms Place.
4511	Woods, Harry F.	Henry Wunker & Son.	Attorney at Law	347-351 W. Fourth st.
1470	Woods, John S.	Wyler, Ackerland & Co.	President	347-351 W. Fourth st.
4518	Woodward, James O.	Samuel Wymond Co.	Attorney at Law	39 Wiggins Block.
3909	Worthington, William	Fleischmann & Co.	Planes and Organs	27 Wiggins Block.
1058	Wright, Clifford B.	The Geo. Zehler Provision Co.	Feed and Coal	Union Trust Building.
3286	Wulsin, Drausin	The John Van Range Co.	Wholesale Clothing	914 Mercantile Library Bldg.
940	Wulsin, Lucien	Detroit, Toledo & Ironton R. R.		142 & 144 W. Fourth st.
4368	Wunker, William			Carthage, O.
3451	Wyler, Louis			308-312 Elm st.
2568	Wymond, Randall J.			Aurora, Ind.
4241	Zeckendorf, Alois		Superintendent.	Riverside, City.
2594	Zehler, George		Provisions and Lard.	1705 Logan st.
3568	Ziegler, Louis E.		President.	S. W. cor. Fifth and Broadway.
218	Zimmerman, Eugene		President.	Toledo, Ohio.

* Deceased.

HONORARY MEMBERS.

Names.	When Elected
HENRY PROBASCO*.....	1871
MILES GREENWOOD*.....	1873
JOHN H. GERARD*.....	1874
DAVID SINTON*.....	1875
REUBEN R. SPRINGER*.....	1876
JAMES F. TORRENCE*.....	1877
GEORGE GRAHAM*.....	1878
CHARLES W. WEST*.....	1879
WILLIAM PROCTER*.....	1880
JOSEPH LONGWORTH*.....	1881
JOHN SHERMAN*.....	1883
WILLIAM GLENN*.....	1884
GEORGE H. PENDLETON*.....	1886
JOSEPH RAWSON*.....	1887
HENRY C. UERNER.....	1888
SAMUEL F. COVINGTON*.....	1889
JOHN A. GANO*.....	1890
CHARLES DAVIS*.....	1891
JOHN KENNETT*.....	1892
RICHARD SMITH*.....	1893
JULIUS FREIBERG*.....	1894
A. E. ARMSTRONG*.....	1895
DAVID GIBSON*.....	1895
REUBEN A. HOLDEN*.....	1897
PARIS C. BROWN.....	1898
WILLIAM A. PROCTER*.....	1899
MICHAEL RYAN.....	1900
GROVE J. PENNEY*.....	1901
H. WILSON BROWN*.....	1903
JOHN L. VANCE.....	1904
WILLIAM H. TAFT.....	1904
CHARLES B. MURRAY.....	1906
JACOB G. SCHMIDLAPP.....	1907

*Died.

JOHN H. GERARD.....	February 10, 1876	JOHN A. GANO.....	January 15, 1896
GEORGE GRAHAM.....	March 1, 1881	RICHARD SMITH.....	April 22, 1896
JOSEPH LONGWORTH.....	December 30, 1883	JOHN KENNETT.....	December 12, 1898
WILLIAM PROCTER.....	April 4, 1884	CHARLES DAVIS.....	October 15, 1899
CHARLES W. WEST.....	September 21, 1884	REUBEN A. HOLDEN.....	May 16, 1900
REUBEN R. SPRINGER.....	December 10, 1884	DAVID SINTON.....	August 31, 1900
MILES GREENWOOD.....	November 6, 1885	JOHN SHERMAN.....	October 22, 1900
WILLIAM GLENN.....	July 17, 1887	HENRY PROBASCO.....	October 26, 1902
JAMES F. TORRENCE.....	September 23, 1887	A. E. ARMSTRONG.....	April 23, 1905
GEORGE H. PENDLETON.....	November 24, 1889	GROVE J. PENNEY.....	June 28, 1905
SAMUEL F. COVINGTON.....	December 26, 1889	JULIUS FREIBERG.....	December 7, 1905
JOSEPH RAWSON.....	November 15, 1891	H. WILSON BROWN.....	June 22, 1906
DAVID GIBSON.....	February 7, 1897	WILLIAM A. PROCTER.....	March 28, 1907

In Memoriam.

THOMAS J. EMERY,	.	.	Aged 75.	Died	January	15, 1906
RICHARD F. CALDWELL,	.	"	73.	"	February	8, 1906
R. B. STEPHENSON,	.	"	70.	"	March	12, 1906
M. D. THOMPSON,	.	"	59.	"	April	17, 1906
WILLIAM T. PERKINS,	.	"	71.	"	April	24, 1906
S. R. VOORHEES,	.	"	70.	"	June	6, 1906
JOHN M. PATTISON,	.	"	59.	"	June	18, 1906
H. WILSON BROWN,	.	"	79.	"	June	22, 1906
MARCUS WARTH,	.	"	76.	"	July	12, 1906
M. M. REECE,	.	"	68.	"	July	18, 1906
ALBERT DILL,	.	"	58.	"	September	8, 1906
FRANK G. TULLIDGE,	.	"	67.	"	September	10, 1906
CHRIST. SANDHEGER,	.	"	74.	"	November	2, 1906
CHARLES MAYER,	.	"	66.	"	December	13, 1906

CLASSIFIED BUSINESS DIRECTORY

OF THE

DIFFERENT LINES OF BUSINESS AND INDUSTRIES

REPRESENTED IN THE MEMBERSHIP OF THE CHAMBER OF COMMERCE.

JUNE 4, 1907.

ACCOUNTANT (EXAMINING).

Guy H. Kennedy Goodloe & Kennedy 403-404 Traction Building.

ATTORNEYS AT LAW.

Albert Bettinger 41 Atlas Bank Building.
 Herman P. Goebel 910 Mercantile Lib. Bldg.
 Frank J. Jones Fosdick Bldg., 41 E. 4th st.
 Charles H. Stephens Stephens, Lincoln & Stephens. 1502 First Nat'l Bank Bldg.
 Bellamy Storer 115 E. Fourth st.
 William Worthington 27 Wiggins Block.
 Drausin Wulsin Mercantile Library Bldg.

AUTOMOBILES.

Robert C. Crowthers 117-119 E. Seventh st.
 D. T. Williams Valve Co. 904-910 Broadway.

BAKERS.

National Biscuit Co. Langdon Branch 327 Lock st.
 National Biscuit Co. Muth Branch 411-419 Richmond st.
 Kroger Grocery and Baking Co. 521 Reading Road.
 John Schneider's Son & Co. 1426 Walnut st.
 Geo. H. Strietmann's Sons Co. S. E. cor. 12th & Plum sts.

BANKS AND TRUST COMPANIES.

First National Bank S. E. cor. 4th & Walnut sts.
 Third National Bank 14-18 W. Fourth st.
 Fourth National Bank 18-22 E. Fourth st.
 Fifth National Bank S. W. cor. 4th & Vine sts.
 Atlas National Bank 518 Walnut st.
 Citizens' National Bank S. E. cor. 4th & Main sts.
 German National Bank N. W. cor. 4th & Vine sts.
 Market National Bank N. W. cor. 4th & Plum sts.
 Merchants' National Bank Ingalls Building.
 Brighton German Bank Harrison & Colerain aves.
 City Hall Bank N. E. cor. 7th & Central ave.
 S. Kuhn & Sons 24 E. Third st.
 Western German Bank Twelfth and Vine sts.
 Central Trust and Safe Deposit Co. 113 & 115 E. Fourth st.
 Covington Savings Bank and Trust Co. Covington, Ky.
 Provident Savings Bank and Trust Co. N. W. cor. Vine & Baker sts.
 Stock Yards Bank & Trust Co. Sp'g Grove ave & Hopplest.
 Union Savings Bank and Trust Co. Union Trust Building.
 Guarantee Title and Trust Co. S. E. cor. Court & Main sts.

BANKERS AND BROKERS.—BONDS, STOCKS, INVESTMENT SECURITIES.

Dominick & Dominick.....	Samuel E. E. Stueve, Mgr.....	333 Walnut st.
P. J. Goodhart & Co.....		324-326 Walnut st.
William E. Hutton & Co.....		First National Bank Bldg.
Irwin, Ballmann & Co.....		330 Walnut st.
Rudolph Kleybolte & Co.....		S. E. cor. 4th & Walnut sts.
E. N. Laralde.....		112 E. Third st.
A. A. Lisman & Co.....		25 Broad st., New York.
Charles C. Murray.....		405 UnionTrust Building.
Seasongood & Mayer.....		406 Walnut st.
Charles M. Thurnauer.....		412 First Nat'l Bank Bldg.

BROKERS.—NEW YORK STOCKS, GRAIN, PROVISIONS.

John W. Ballmann.....		435 Vine st.
C. E. Bultman & Co.....		212-215 Carlisle Building.
Foster & Co.....		First National Bank Bldg.
E. S. Frazer.....		Chamber of Commerce.
Harry E. Frazer.....		Chamber of Commerce.
John M. Gorman.....		702 First Nat'l Bank Bldg.
James K. & John C. Morrison.....		Chamber of Commerce.
O'Dell Commission Co.....		702 First Nat'l Bank Bldg.
Phoenix Grain and Stock Exchange.....		24-26 E. Fourth st.
George H. Stapely & Co.....		Room D, Cham. of Com.
M. D. Thompson.....		Chamber of Commerce.
Harry E. Tilghman (J. E. Jones & Co.).....		112 Carlisle Building.
H. S. Whittaker.....		323 Carlisle Building.

BROKERS.—MISCELLANEOUS.

W. W. Blair & Co.....	Merchandise.....	119 E. Second st.
Gruner & Beckwith.....	Merchandise & Manufacturers' Agts.....	25 & 27 W. Second st.
Hurford & Brown.....	Merchandise and Builders Supplies.....	506 Chamber of Com. Bldg.
William G. Irwin.....	Merchandise.....	9 East Third st.
Edward T. Klum.....	Merchandise.....	11 E. Second st.
Bernard Schapker & Co.....	Merchandise.....	15 E. Third st.

BOILERS AND TANKS.

Tudor Boiler Mfg. Co.....		716 E. Pearl st.
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BOOTS AND SHOES.

Alter, McCaffrey Co.....	Manufacturers.....	416 E. Eighth st.
Forwood Shoe Co.....	Manufacturers.....	22 W. Third st.

BREWERS.

Henry Adam.....		Camp Washington, City.
Bruckmann Brewing Co.....		Cumminsville, City.
Foss-Schneider Brewing Co.....		943 Freeman ave.
Gambrinus Stock Co.....		Sycamore and Abigail sts.
Gerke Brewing Co.....		Plum and Canal sts.
Wm. Gerst Brewing Co.....		Nashville, Tenn.
John Hauck Brewing Co.....		Central ave. & Dayton st.
Jung Brewing Co.....		2011 Freeman ave.
Herman Lackman Brewing Co.....		823 W. Sixth st.
Christian Moerlein Brewing Co.....		2019 & 2021 Elm st.
Schaller Brewing Co.....		1622 Main st.
J. Walker Brewing Co.....		1125 Sycamore st.
Wetterer Brewing Co.....		2125 Central ave.
George Wiedemann Brewing Co.....		Newport, Ky.
Windisch-Muhlhauser Brewing Co.....		Plum and Liberty sts.

BUTCHERS' SUPPLIES.

C. Schmidt & Co.....		John and Livingston sts.
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CANDLES.

Proctor & Gamble Co. (Ivorydale, O.).....		S. E. cor. 4th & Main sts.
Standard Oil Co.....		105 East Pearl st.

CHEMICALS.

Alex. Fries & Bro.....		312-316 E. Second st.
Globe Chemical Co.....		Deer Creek, nr. Court st.

CIGARS AND TOBACCO.

A. B. Aulick	Leaf Tobacco.....	Falmouth, Ky.
James N. Boyd	Leaf Tobacco.....	Richmond, Va.
John C. Davis.....	Cigars.....	412 Vine st.
W. H. Lewis & Co.....	Leaf Tobacco.....	19 W. Front st.
Henry Straus.....	Cigars.....	527 & 529 Vine st.

CLOTHING.—MANUFACTURERS AND DEALERS.

Abe Bloch & Co.....		810 Main st.
Fabian Manufacturing Co	Ladies' Skirts.....	Pugh Building.
Menderson Clothing Co.....		409 Com'l-Tribune Bldg.
Moch, Berman & Co.....		S. W. c. Elm & McFarland sts.
Wyler, Ackerland & Co		308-312 Elm st.

CLOTHING—MERCHANT TAILORS.

Henry F. Blase.....		534 Madison ave., Cov., Ky.
E. Hart & Co.....		Power Bldg., 8th & Sycamore.

COAL.

Black Band Coal & Coke Co		1617 First Nat'l Bank Bldg.
C. G. Blake & Co.....		First National Bank Bldg.
August Benninghofen.....		Hamilton, O.
Big Hill Coal Co.....		912-913 Union Trust Bldg.
W. H. Brown's Sons.....		Front and Lawrence sts.
A. R. Budd Coal Co.....		Conestoga Bldg., Pittsburgh, Pa.
Campbell's Creek Coal Co.....		311 Mercantile Lib. Bldg.
Carbon Fuel Co.....		1005 First Nat'l Bank Bldg.
Castner, Curran & Bullitt.....		101-102 Neave Building.
Cincinnati Gas Coke, Coal & Mining Co.....		204 Traction Building.
Collins & Hartweg Co.....		511 Cham. of Com. Bldg.
Consolidated Coal and Mining Co.....		8 Mitchell Building.
Covington Coal Co.....		Covington, Ky.
Frederick Drucker.....		Home City, O.
Fairmont Coal Co.....		Traction Building.
Steamer W. H. Flint & Owners.....		Pittsburgh, Pa.
T. J. Hall & Co.....		Foot of Lawrence st.
Hatfield Coal Co.....		Covington, Ky.
John T. Hesser & Co.....		802 Neave Building.
A. Hill & Sons.....		Aurora, Ind.
Hinsch Coal and Coke Co.....		1601-02 Union Trust Bldg.
W. M. Hubbell, Jr.....		511 Cham. of Com. Bldg.
Island Creek Fuel Co.....		511 Cham. of Com. Bldg.
Island Creek Coal Sales Co.....		605 Mercantile Lib. Bldg.
C. Jutte & Co.....		Pittsburgh, Pa.
Kanawha Coal and Coke Co.....		605 First Nat'l Bank Bldg.
Kroger Coal and Coke Co.....		34 Mitchell Building.
Luhrig Coal Co.....		1006-08 4th Nat. B'nk Bldg.
Marmet Coal Co.....		Central ave. & Water st.
Marmet-Halm Coal and Coke Co.....		601-602 Neave Building.
Otto Marmet Coal and Mining Co. (Raymond City, W. Va.).....		601-602 Neave Building.
Monongahela River Consolidated Coal and Coke Co.....		S. E. c. Front & Lawrence.
Mount Carbon Co. (Limited).....		Powellton, W. Va.
John Mueller.....		Lockland, O.
S. J. Patterson (Dayton, O.).....		1499 Eastern ave., Cin'ti.
Pittsburgh Coal Co.....		Front and Harriet sts.
Pittsburgh and Buffalo Co.....		Frick Bldg., Pittsburgh, Pa.
Pocahontas Coke Co.....		Bluefield, W. Va.
Queen City Coal Co.....		Foot of Freeman ave.
Frank J. Rutterer.....		3401 Eastern ave.
W. H. Settle.....		Madisonville, O.
Shonk-Garrison Coal Co.....		702 Mercantile Lib. Bldg.
Smokeless Fuel Co.....		132 Ingalls Building.
Trum Coal Co.....		Foot of Mill st.
West Kentucky Coal Co.....		Memphis, Tenn.
H. C. Whetstone.....		Station C, Columbia, City.
Winifrede Coal Co.....		1527 Union Trust Bldg.

COAL GAUGER.

Harry Rigdon..... Front and Harriet sts.

CONTRACTORS.—CARPENTERS, BUILDERS, ETC.

Henry Behrens & Co..... Builders..... 15 E. Baker st.
 M. Marcus Building Co..... Builders..... 1513-1521 Plum st.
 A. J. Redway & Co..... Concrete Construction..... Mitchell Building.

COOPERAGE AND COOPERS' STUFF.

Rauer Cooperage Co..... Lawrenceburg, Ind.
 Cincinnati Cooperage Co..... Riverside, Cincinnati, O.
 Hauser, Brenner & Fath Co..... 2129 McLean ave.
 P. Hoban..... Nicholas J. Hoban, Manager... Race and Water sts.
 Samuel Wymond Cooperage Co..... Aurora, Ind.

CORDAGE—ROPE, ETC.

Jacobs Cordage Co..... 1205 Budd st.
 Geo. W. Ward & Co..... 224 E. Front st.

DISTILLERS AND LIQUOR DEALERS.

J. W. Biles Co..... 8 & 10 E. Third st.
 W. C. Biles & Co..... 313 Vine st.
 Elias Block & Sons..... 511 Union Trust Building.
 Leon Block & Co..... S. W. cor. 3d & Walnut sts.
 Clarkson & Clarkson..... 32 Carew Building.
 Clifton Springs Distilling Co..... Cummins ville, City.
 H. F. Corbin & Co..... 425 E. Pearl st.
 J. Debar & Co..... 38 Vine st.
 M. Dernham & Son..... 243 Main st.
 Diamond Distilleries Co..... 417 E. Pearl st.
 Distillery Co. No. 2..... Milldale, Ky.
 M. Durner & Co..... 219 E. Third st.
 Fleischmann & Co..... Plum and Perry sts.
 J. & A. Freiberg..... 206 E. Front st.
 Freiberg & Kahn..... 52 Main st.
 Freiberg & Workum..... 216-220 Public Landing.
 Sig. & Sol. H. Freiberg..... 424-426 W. Fourth st.
 Furst Bros..... 122 E. Seventh st.
 G. & B. Gerdes Co..... 60 Main st.
 Greendale Distilling Co..... Lawrenceburg, Ind.
 A Guckenheimer & Bros..... 37 St. Paul Building.
 Hayes Valley Distilling Co..... Levingood, Ky.
 George Herzog & Co..... 30 Main st.
 Hoffheimer Bros. Co..... 123 & 125 Sycamore st.
 W. W. Johnson & Co..... 120 Sycamore st.
 Klein Bros..... 214 E. Eighth st.
 Levi & Ottenheimer..... 533 Walnut st.
 James Levy & Bro..... 307-309 Traction Building.
 Live Oak Distilling Co..... N. E. cor. 9th & Broadway.
 Mayer Bros. Co..... S. W. cor. Pearl & Walnut.
 Mihalovitch, Fletcher Co..... 514-518 E. Pearl st.
 Millcreek Distilling Co..... 621 Evans st.
 Myers & Co..... Covington, Ky.
 Old "76" Distilling Co..... 9 Masonic Temple.
 Old Tub Fowler Distilling Co..... Falmouth, Ky.
 Peacock Distilling Co..... 3-7 E. Third st.
 H. E. Pogue Distilling Co..... 909 First Nat'l Bank Bldg.
 Rheinstrom, Bettman, Johnson & Co..... 908-910 Sycamore st.
 Rheinstrom Bros..... Pearl and Martin sts.
 H. Rosenthal & Sons..... 341 Main st.

Henry M. Rubel Co.....	229 Race st.
Estate of C. Sandheger.....	123-129 E. Court st.
A. Senior & Son.....	Mitchell Building.
J. Shields & Co.....	226 Main st.
Joseph Silvermann & Co.....	242 Main st.
W. P. Squibb & Co.....	Lawrenceburg, Ind.
Star Distillery Co.....	529 & 531 Walnut st.
Strauss, Pritz & Co.....	909 & 911 Sycamore st.
Sunnyside Distilling Co.....	61 Pike st., Covington, Ky.
Terre Haute Distilling Co.....	Terre Haute, Ind.
I. Trager Co.....	317-321 E. Eighth st.
F. G. Tullidge & Co.....	111 E. Fifth st.
Union Distilling Co.....	1010 Richmond st.
H. Van Nes Export Co.....	8 & 10 E. Third st.
H. W. Voss & Co.....	N. E. cor. Pearl & Main sts.
James Walsh & Co.....	201 Union Trust Building.
Ferdinand Westheimer & Sons.....	317 & 319 Main st.
John White.....	Chamber of Commerce.
White Oak Distillery Co.....	858 W. Sixth st.

DRY GOODS AND DEPARTMENT STORES.

Alms & Doepke Co.....	Main and Canal sts.
J. H. Hibben Dry Goods Co.....	N. E. cor. 7th & Walnut sts.
Putnam, Hooker Co.....	212-218 E. Third st.
John Shillito Co.....	Race, 7th & Shillito Place.
Louis Stix & Co.....	S. W. c. 7th & Walnut sts.

ELEVATORS.

James H. Curran Elevator Co.....	114 W. Second st.
Warner Elevator Mfg. Co.....	2613 Spring Grove ave.

FEATHERS.

P. R. Mitchell Co.....	Also Hair, Bristles, etc.....	Harrison & Spring Grove aves.
Samuel Wells & Co.....	Also Ginseng and Beeswax.....	Second and Main sts.

FLOUR DEALERS.

Allen & Munson.....		910 First Nat'l Bank Bldg.
Frederick A. Brauer.....		852 W. Sixth st.
Henry W. Brown & Co.....		831 W. Sixth st.
Dair Bros.....	Millers	Harrison, O.
The Dorsel Company.....	Millers	Newport, Ky.
J. H. Dunholter & Co.....		55 Walnut st.
Early & Daniel Co.....		Sixth and Harriet sts.
Eckhardt & Raible.....		933 W. Fifth st.
John H. Fedders & Sons.....		Covington, Ky.
Felsch Flour Milling Co.....	Millers	N. W. c. 3d & Baymiller sts.
Ben. Ficker.....		11 Jordan st.
Foulds Milling Co.....	Millers	1225 Budd st.
Gale Brothers Co.....		Third & W. Front sts.
Greenup Milling Co. (R. E. Lee Wilson). Millers.....		Greenup, Ky.
Heid & Koss.....		305 Vine st.
D. Hoppe & Co.....		31 Walnut st.
Kiewit & Frederick.....	Millers	Harrison, Ohio.
Charles E. Knaul.....		517 Cham. of Com. Bldg.
Lawrenceburg Roller Mills Co.....	Millers	Lawrenceburg, Ind.
Lockland Milling Co.....	Millers	Lockland, O.
McCoy Bros.....	Millers	Liberty, Ind.
Henry Nagel & Son.....	Millers	2168 McLean ave.
Christian Nieman.....	Miller	Sunman, Indiana.
Nordmeyer & Berding.....	Millers	Covington, Ky.
Joseph G. Orth & Co.....		Newport, Ky.
Perin Bros.....	Millers	14-18 E. Front st.
Albert Roeder.....		123 E. Liberty st.
A. Schmitt & Co.....		850 W. Sixth st.
John Schneider's Son & Co.....	Millers	1422 & 1424 Walnut st.
John Schriewer & Co.....		Pearl and Plum sts.
J. Allen Smith & Co.....	Millers	Knoxville, Tenn.
Adam Smyrl & Co.....		7 Mitchell Building.
P. Trent Co.....	Millers Agents	515 4th Nat'l Bank Bldg.
Theodore Von Holle & Son.....	Millers	1515 Harrison ave.

FLOUR DEALERS—CONTINUED.

H. Weber & Co.....	Feed Mills.....	Cumminsville, City.
Sam. W. Weidler Co.....	Millers.....	943-949 W. Sixth st.
Wm. D. Willson.....	Miller.....	Osgood, Ind.
Willey Mill and Elevator Co.....	Millers.....	Ross, O.
Henry Wolter & Co.....		47 Walnut st.
George F. Munson.....	Flour Inspector.....	Chamber of Commerce.

FURNACES—STOVES—RANGES.

Estate Stove Co.....	Stoves and Ranges.....	Hamilton, O.
John Van Range Co.....		S. W. cor. 5th & Broadway.
Peck-Williamson Co.....		335 W. Fifth st.

FURNITURE.

Hartwell Furniture Co.....		121 W. Fourth st.
A. Nielen & Co.....	Household Furnishings.....	225 W. Fourth st.

GLASSWARE.

Hemingray Glass Co.....	Manufacturers.....	Covington, Ky.
F. A. Schwill & Son.....	Jobbers.....	312 Main st.

GRAIN—HAY—FEED.

Allen & Munson.....		910 First Nat'l Bank Bldg.
P. Andrew & Co.....		901 & 903 E. Front st.
A. B. Aulick.....		Falmouth, Ky.
Andrew Bender.....		506 Cham. of Com. Bldg.
Max Blumenthal.....		7 Mitchell Building.
Harry J. Borgmann.....		1211 W. Sixth st.
Braun & Kipp.....		Sixth and Evans sts.
W. G. Brosenne.....		Covington, Ky.
Henry W. Brown & Co.....		831 W. Sixth st.
W. L. Brown & Co.....		506 Cham. of Com. Bldg.
Barney Bunke.....		Fairmount, City.
H. N. Christy.....		515 Cham. of Com. Bldg.
Cincinnati Grain Co.....		N. E. c. Walnut & Water sts.
Collins & Co.....		222 W. Fourth st.
Corryville Feed Co.....		2531-2535 Vine st.
Dassell Feed Co.....		1811 Race st.
Dewey Bros. Company.....		Blanchester, O.
Dickmeier Bros.....		3710 Spring Grove ave.
F. O. Diver Grain Co.....		Middletown, Ohio.
The Dorsel Company.....		Newport, Ky.
Early & Daniel Co.....		Sixth and Harriet sts.
F. W. Elberg.....		Elmwood Place, O.
Ellis & Fleming.....		512 Cham. of Com. Bldg.
Frederick L. Emmert.....		1924 Pleasant st.
John H. Fedders & Sons.....		Covington, Ky.
J. W. Fisher & Co.....		116 & 118 E. Water st.
R. G. Frederick (Kiewit & Frederick).....		Harrison, O.
Gale Bros Co.....		Third & W. Front sts.
Goemann Grain Co.....		Spitzer Bldg., Toledo, O.
Henry J. Good & Co.....		84 Atlas Bank Building.
E. A. Grubbs Grain Co.....		Greenville, O.
H. W. Hamann & Co.....		Harrison ave. & B. & O. S-W. R.R.
J. H. Hermes Co.....		204 E. Front st.
Henry Herzog & Co.....		S. W. cor. Main & Water sts.
Joseph Heuermann.....		Court and Broadway.
D. Hoppe & Co.....		31 Walnut st.
Harry W. Howard.....		Gano, Butler Co., Ohio.
Interstate Grain Co.....		52 Mitchell Building.
George Keller.....		Newport, Ky.
Charles E. Knaul.....		517 Cham. of Com. Bldg.
Edward G. Koehl.....		Reading, O.
Wm. H. Kramer.....		611-613 Reading Road.
Kyle & Williamson.....		Kyle's, O.

John B. Lampe.....	Carthage, O.
Loudon & Co.....	515 Cham. of Com. Bldg.
Maguire & Co.....	52 Mitchell Building.
J. V. Metzger & Co.....	Wilmington, Ohio.
Joseph G. Orth & Co.....	Newport, Ky.
Patterson & Evans.....	52 Vine st.
L. B. Patterson.....	120 W. Second st.
H. H. Payne.....	Camden, O.
Perin Bros.....	14-18 E. Front st.
Queen City Grain Co.....	217-218 Carlisle Building.
Rice & Tumey.....	2717 Colerain ave.
Rosenbaum Bros. (Otto Waitzmann).....	77 Board of Trade, Chicago, Ill.
D. Rothschild Grain Co.....	Davenport, Iowa.
J. J. Rucker & Co.....	Hebron, Ky.
William Schepers.....	2454 W. Sixth st.
John Schriewer & Co.....	Pearl and Plum sts.
Shollenbarger & Fisher.....	Collinsville, Butler Co., O.
J. B. Sicking.....	1709 Elm st.
J. Allen Smith & Co.....	Knoxville, Tenn.
Adam Smysl & Co.....	7 Mitchell Building.
Southern Grain Co.....	Hopkins st. & President Pl.
Standard Hay & Grain Co.....	Sixth and Carr sts.
Union Grain and Hay Co.....	Rawson Building.
W. L. Van Hise.....	West Chester, O.
S. A. Van Horn.....	Lawrenceburg, Ind.
Van Leunen Co.....	Covington, Ky.
S. R. Voorhees & Co.....	12 St. Paul Building.
B. W. Wasson & Co.....	910 First Nat'l Bank Bldg.
H. Weber & Co.....	Cumminsville, City.
Sam. W. Weidler Co.....	943-949 W. Sixth st.
G. J. Weas & Sons.....	Winton Place, Ohio.
Whitcomb & Root.....	48 Mitchell Building.
John White.....	4244 Hamilton ave.
Willey Mill and Elevator Co.....	Ross, O.
Henry Wolter & Co.....	47 Walnut st.
Albert G. Wood.....	2520 Alms Place.
Henry Wunker & Son.....	Carthage, O.
Homer Chisman.....	Chief Grain and Hay Inspector... 1236 W. 6th & Cham. of Com.

GRAIN ELEVATORS.

Big Four Grain Elevator.....	Harriet st. & Big Four Ry.
Canal Elevator and Warehouse Co.....	Court and Broadway.
Cincinnati Grain Co. (Latonia, Ky.).....	Walnut and Water sts.
Dickmeier Bros.....	3704 Spring Grove ave.
Early & Daniel Co.....	Sixth and Harriet sts.
Gale Bros. Co.....	Third and W. Front sts.
Southern Grain Co.....	Hopkins st. & President Pl.
Standard Hay & Grain Co. (Latonia, Ky.).....	Sixth and Carr sts.
Union Grain and Hay Co.....	Rawson Building.
H. Weber & Co.....	Cumminsville, City.

GROCERIES.—COFFEES, TEAS, SPICES, SUGAR, ETC.

M. H. Alexander Co.....	Molasses.....	226-230 E. Front st.
Consolidated Boat Store Co.....		222 Public Landing.
Great China Tea Co. (Block Bros.).....		11 Vine st.
S. T. Griffiths & Bro.....		117 E. Court st.
W. H. Harrison & Co.....	Spice Mills.....	17 E. Second st.
James Heekin Co.....	Coffees and Spices.....	N.W.c. Walnut & Water sts.
A Janszen & Co.....		117 E. Second st.
J. C. Kerr & Co.....		26 W. Second st.
Kroger Grocery and Baking Co.....		521 Reading Road.
James Mahoney.....		232 Broadway.
Minor & Dixon Co.....		212 & 214 Vine st.
Shinkle, Wilson & Kreis Co.....		S. E. cor. Front & Vine sts.

HOTELS—RESTAURANTS.

Burnet House.....	T. J. Cullen, Manager.....	Third and Vine sts.
St. Nicholas Hotel.....	E. N. Roth, Proprietor.....	Fourth and Race sts.
Sinton Hotel.....	E. N. Roth, Managing Director....	S. E. c. Fourth & Vine sts.

ICE DEALERS.

Cincinnati Ice Co. (Incorp. 1905).....	N. W. cor. Race & Canal.
Ice Delivery Company	N. W. cor. Race & Canal.

INSURANCE (FIRE).**HOME COMPANIES.**

Cincinnati Equitable Ins. Co.....	38 E. Third st.
Eureka Fire and Marine Ins. Co.....	121 E. Third st.
Merchants' and Manufacturers' Ins. Co.....	404 First Nat'l Bank Bldg.
National Insurance Co.....	1201 First Nat'l Bank Bldg.
Security Insurance Co	121 E Third st.

AGENCIES.

J. M. DeCamp.....	401-407 4th Nat. Bank Bldg.
P. R. Fortney.....	Masonic Temple.
Gray, Dolle & Latta.....	96 & 97 Ingalls Building.
Jones, Montgomery & Haass.....	704-705 Traction Building.
Geo. W. Neare, Gibbs & Co.....	716-719 Union Trust Bldg.
C. Gordon Neff & Co.....	115 E. Third st.
Frederick Rauh & Co.....	1202 First Nat'l Bank Bldg.
J. F. Runck & Co.....	1206 First Nat'l Bank Bldg.
Albert W. Schell & Co	1410 First Nat'l Bank Bldg.
Sears Insurance Agency Co.....	1310 First Nat'l Bank Bldg.
Edward E. Shipley.....	603 First Nat'l Bank Bldg.
Simon Sturm.....	116 E. Third st.

SOLICITORS.

James Dillaby.....	1201 First Nat'l Bank Bldg.
Edward C. Hill.....	404 First Nat'l Bank Bldg.

INSURANCE (LIFE).**HOME COMPANIES.**

Union Central Life Ins. Co. of Cin'ti..	Elbert P. Marshall, Vice Pres..	S. E. cor. 4th & Central ave.
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AGENCIES.

Sol. Bloch—Union Central Life Ins. Co. (Cincinnati).....	325 Race st.
William Boswell—Security Mutual Life Ins. Co. (Binghamton, N. Y.).....	507-508 Cham. of Com.
W. A. R. Bruehl & Co.—Home Life Ins. Co. (New York).....	604 4th Nat'l Bank Bldg.
Collin Ford—Ætna Life Ins. Co. (Hartford, Conn.).....	Commercial-Tribune Bldg.
Gustav Goldsmith	601 Union Trust Building.
M. J. Mack—Northwestern Mutual Life Ins. Co. (Milwaukee).....	Traction Building.
Eugene B. Sayers.. Young Men's Mutual Life Ass'n. (Cincinnati).....	406 First Nat'l Bank Bldg.
Frank H. Simpson—Mutual Benefit Life Ins. Co. (Newark, N. J.).....	31-32 Ingalls Building.
E. C. Skinner—Washington Life Ins. Co. (New York)	604 Union Trust Building.

INSURANCE.—LIABILITY, CASUALTY, BONDS.

E. E. Shipley—United States Fidelity and Guaranty Co. (Baltimore).....	603 First Nat'l Bank Bldg.
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IRON AND STEEL—PIG IRON.

American Rolling Mill Co	Zanesville, Ohio.
Block-Pollak Iron Co. (Carthage, O.).....	P. O. Box 678, Cin'ti.
Jones & Laughlin Steel Co. (Limited).....	1209 Union Trust Bldg.
W. F. Robertson Steel and Iron Co.....	Front and Elm sts.
Rogers, Brown & Co.....	Carew Building.

LEATHER—HIDES—WOOL.

L. Wise & Bros.....	Hides and Wool.....	36 Main st.
Butchers' Hide Association	Tanners.....	508 Poplar st.
Ohio & Ky. Kid Leather Mfg. Co.....	Tanners	Spring Grove ave.

LIVERY AND UNDERTAKING.

Eggers & Sons Co.....	953-957 Curtis st.
T. J. Mulvibill.....	620 Sycamore st.
J. J. Sullivan & Co	421 Central ave.

LIVE STOCK.

Thomas Blong.....	Eggleston Ave. Stockyards.
A. L. Bramble.....	Stockton, Butler Co., O.
L. F. Brown & Co.....	2740 Spring Grove ave.
Abe Furst.....	22 E. Eighth st.
George Frondorf.....	Bridgetown, O.
Greene & Embry.....	Cin. Union Stockyards.
Hubbard, Hauss & Ragsdale.....	Cin. Union Stockyards.
Long, West & Co.....	Cin. Union Stockyards.
H. H. Payne.....	Camden, O.
J. F. Sadler & Co.....	Cin. Union Stockyards.
George Slimer, Jr.....	John and Livingston sts.
Stern, Frank & Co.....	Cin. Union Stockyards.
W. L. Van Hise.....	West Chester, O.

STOCKYARDS.

Cincinnati Union Stockyards	Spring Grove ave.
Eggleston Avenue Stockyards	Eggleston ave.
Slimer's Stockyards.....	John and Livingston sts.

LUMBER.

Bennett & Witte.....	222 W. Fourth st.
C. Crane & Co.....	1739 Eastern ave.
Farrin-Korn Lumber Co.....	Winton Place, City.
R. H. Flemming.....	Ludlow, Ky.
Graham Lumber Co. Ltd.....	41 E. Fourth st.
Maley, Thompson & Moffett Co.....	Eighth & Evans sts.
H. W. Meier, Jr.....	McMicken and Ohio aves.
T. B. Stone Lumber Co.....	1027-1029 Union Trust Bldg.
Wiborg, Hanna Co.....	Cummins st., Fairmount.

MERCANTILE AGENCIES.

The Bradstreet Co.....	L. C. Goodale, Sup't.....	301-306 Union Trust Bldg.
R. G. Dun & Co.....	Jos. A. Scarlett, Dist. Mgr.....	Ingalls Building.

MACHINERY.

Hoffman & Ahlers.....	Copper Works.....	830 E. Pearl st.
Straub Machinery Co.....	Flour Mill and Distill. Mch.....	1948-1956 W. Sixth st.
De La Vergne Refrig. Mach. Co. (N.Y.).....	Ice Machines	811 Neave Building.
Triumph Ice Machine Co.....	Ice Machines.....	610 Baymiller st.
F. W. Niebling Co.....	Ice Machines.....	Norwood, Ohio.
Laidlaw-Dunn-Gordon Co.....	Pumping Machinery.....	211 W. Fourth st.
John H. McGowan Co.....	Pumping Machinery.....	54 Central ave.
I. & E. Greenwald Co.....	Machinists & Engine Builders.....	720 E. Pearl st.
Houston, Stanwood & Gamble Co.....	Machinists & Engine Builders.....	Covington, Ky.
J. A. Fay & Egan Co.....	Woodworking Machinery.....	Front and John sts.

MALT-HOPS-BREWERS' SUPPLIES.

P. Andrew & Co.....	901 & 903 E. Front st.	
Burger Bros. Co.....	83 E. McMicken ave.	
Cincinnati Bung-Bush Co.....	1256 Richmond st.	
Elsas & Pritz.....	214 E. Court st.	
Herman Goepper Co.....	322-326 Hunt st.	
Piqua Malt Co.....	Louis Hehman, Sec'y and Gen'l Mgr.....	N. E. c. Pearl & Main sts.
Riverside Malting & Elevator Co.....	419 Plum st.	

MISCELLANEOUS.

SUNDRY LINES OF BUSINESS NOT OTHERWISE CLASSIFIED.

Mente & Co.....	Bags	New Orleans, La.
Bradford Belting Co.....	Belting	N. W. cor. 2d & Walnut sts.
J. M. Blair Brick Co.....	Brick	Builders' Exchange.
Bromwell Brush and Wire Goods Co.....	Brushes and Wire Goods.....	612 W. Sixth st.
Sam. W. Trost.....	Cigar Boxes.....	12-16 W. Canal st.
Witt Cornice Co.....	Cornices, Roofing, etc.....	Eighth and Broadway.
French Bros. Dairy Co.....	Dairy Goods, Ice Cream.....	312-318 W. Seventh st.
S. Obermayer Co.....	Foundry Facings.....	641 Evans st.
Crane-Breed Mfg. Co.....	Hearses, Burial Caskets, etc.....	1213 W. Eighth st.
Ault & Wiborg Co.....	Ink (Printing).....	432 New st.

MISCELLANEOUS—CONTINUED.

Lindenberg Strauss & Co.	Jewelers	25-29 Carew Building.
Queen City Supply Co.	Railroad, Mill & Factory Supplies	221-206 W. Pearl st.
Pettibone Bros. Mfg. Co.	Regalia and Uniforms	626-632 Main st.
Perkins-Campbell Co.	Saddlery and Harness	622-626 Broadway.
E. T. Sprague.	Shirt Maker	7 Wiggins Block.
Homan Manufacturing Co.	Silver-plated Ware	214-228 E. Seventh st.
Millcreek Valley Starch Co.	Starch Manufacturers	Winton Place, City.
F. H. Lawson Co.	Tin and Japan Ware	437 & 439 Main st.
American Valve & Meter Co.	Valves, Brass & Iron Specialties	1119-1125 Gest st.
D. T. Williams Valve Co.	Valves, Brass & Iron Specialties	904-910 Broadway.
Stearns & Foster Co.	Wadding and Batting	118 & 120 E. Canal st.

NAVAL STORES.

H. Garlick & Co.	116 W. Pearl st.
Hoses & Co.	S.W. c. Front & Main sta.

NEWSPAPERS AND TRADE PUBLICATIONS.

Cincinnati Enquirer	John R. McLean, President	619 Vine st.
Cincinnati Post	Milton A. McRae, Local Mgr.	211-221 Longworth st.
Cincinnati Price Current	C. B. Murray, Editor & Prop'r	Government Place.
Cincinnati Price Current	Jos. D. Morten, Reporter	Government Place.
Cincinnati Times-Star	Chas. P. Taft, President	N. E. cor. 6th & Walnut sts.
Cincinnati Volksblatt	Leopold Markbreit, President	637 Vine st.
Cincinnati Volksfreund	Raymond Haacke, President	28 Opera Place.
Commercial-Tribune Co.	E. O. Eshelby, President	Com'l-Tribune Bldg.
Fruit & Produce News	William A. Mitchell, Local Mgr.	77 St. Paul Building.

OILS.

American Cotton Oil Co.	441-465 E. Sixth st.
Burckhardt & Co.	323 Sycamore st.
Archer-Daniels Linseed Co.	944 W. Fifth st.
The C. H. Moore Oil Co.	York St. & McLean Ave.
Standard Oil Co.	105 East Pearl st.
C. P. Wagner & Co.	126 Sycamore st.

PAPER.

Bryant Paper Co.	908-909 4th Nat. Bank Bldg
Chatfield & Woods Co.	347-351 W. Fourth st.
Diem & Wing Paper Co.	Eighth & Eggleston ave.
Haldeman Paper Co.	Lockland, O.

PIANOS.

D. H. Baldwin & Co.	142 & 144 W. Fourth st.
Auto Grand Piano Co.	New Castle, Ind.

PICKLES—PRESERVES—VINEGAR.

J. Weller Co.	Spring Grove ave.
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PORK PACKERS—PROVISIONS—LARD.

Armacoast, Riley & Co	113 E. Front st.
Armour & Co. (Chicago).. George W. Emery Agent	33 Main st.
Butchers Packing Co.....	529-539 Poplar st.
Cincinnati Abattoir Co.....	3251 Spring Grove ave.
Cincinnati Provision Export Co.....	Cham. of Com. Bldg.
J. H. Dunholter & Co.....	55 Walnut st.
Ernst Adolph Freund.....	1213-1217 W. Liberty st.
R. Haskins & Co.....	205 Walnut st.
John Hoffmann Packing Co.....	S.W. c. Cent. ave & Baymiller st.
John Hoffmann's Sons.....	2148 Coleman st.
Michael F. Hoffmann.....	215 W. Sixth st.
Charles Jacob.....	1972-1974 Plum st.
A. Loewenstein's Sons.....	S. W. c. John & Livingston.
Jacob Lohrey..... (Also Smoked Fish).....	2147-2151 Kindel ave.
Maescher & Co.....	1754 & 1756 Central ave.
H. H. Meyer Packing Co.....	Linn st. and Central ave.

PORK PACKERS—PROVISIONS—LARD—CONTINUED.

Thomas Morrison & Co.	Bank and Winchell ave.
Nelson Morris & Co. (Chicago)	George F. Blauvelt, Local Manager.. 64 Mitchell Building.
Omaha Packing Co. (Chicago)	Chas. W. Riley, Jr., Agent..... 110 E. Second st.
John Raum & Co.	306 & 308 E. Pearl st.
J. Rawson's Sons.	Spring Grove ave.
John C. Roth Packing Co.	1010 Gest st.
George Rupp & Co.	Hamilton, O.
A. Sander Packing Co.	1022 Gest st.
J. & F. Schroth Packing Co.	Camp Washington, City.
J. A. Severet & Co.	32 E. Front st.
Swift & Co. (Chicago)	Leo Jacobs, Local Manager..... 27-29 Main st.
Jacob Vogel & Son.	2604 Colerain ave.
George Zehler Provision Co.	1709 Logan st.

PROVISION BROKERS.

Geo. H. Huschart.	19 Foedick Bldg., 41 E. 4th st.
Robert Montgomery.	19 Foedick Bldg., 41 E. 4th st.
James K. & John C. Morrison.	Chamber of Commerce.
Charles Rockel.	58 Walnut st.
Bernard Schapker & Co.	15 E. Third st.
William A. Slusser.	123 E. Second st.
John E. Stone.	Room C, Cham. of Com. Bldg.
M. D. Thompson.	Chamber of Commerce.
W. H. Washington.	1312 First Nat'l Bank Bldg.
John Woesten.	518 Cham. of Com. Bldg.

PRODUCE COMMISSION MERCHANTS.

FRUITS, VEGETABLES, BUTTER, CHEESE, EGGS, POULTRY, ETC.

Armacost, Riley & Co.	113 E. Front st.
James A. Baird & Co.	126 E. Front st.
E. Benham & Co.	21 Walnut st.
Bergewisch & Becky.	1009 Race st.
Blome & Dreifus.	1010 Race st.
I. J. Cannon & Co.	110 E. Front st.
F. Delsignore & Co.	114 E. Front st.
Christ. Eberle Sons.	206 W. Sixth st.
Finke & Schwieler.	1008 Race st.
Funck Brothers.	228 W. Sixth st.
Glas, Bloom & Co.	115 E. Front st.
Goyert & Vogel.	49 Walnut st.
Charles Heidrich & Co.	33 Walnut st.
Charles H. Hess & Co.	12-14 W. Court st.
D. Hoppe & Co.	31 Walnut st.
F. Jelke & Son Co.	53 Walnut st.
John V. Kisker & Co.	11-13 Main st.
F. Kushman & Co.	133 E. Front st.
Keystone Commercial Co.	Pittsburgh, Pa.
Lett & Co.	48 Walnut st.
J. Leverone & Co.	100 & 102 E. Front st.
N. Longfellow & Co.	126 E. Front st.
W. P. Mappes & Co.	8 & 10 W. Court st.
John C. Mulvihill.	38 Walnut st.
A. G. Norman & Co.	40 Walnut st.
Andrew Rohan Co.	50 Walnut st.
Romer Bros.	1011 Race st.
Simmons & Norris.	41 Walnut st.
Telker & Dunker.	118 E. Court st.
S. & M. Weil & Co.	106 E. Front st.
Henry Wolter & Co.	47 Walnut st.

RAILROADS—EXPRESS COMPANIES—FAST FREIGHT LINES.

ADAMS EXPRESS CO.:

Charles F. Barrett	Agent	416 Main st.
William W. Glen	Auditor	Express Bldg., Front & Butler sts.

AMERICAN EXPRESS CO.:

Charles G. Kingsbury	General Agent	16 E. Fourth st.
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RAILROADS—EXPRESS COMPANIES—FAST FREIGHT LINES—CONTINUED.

BALTIMORE & OHIO SOUTHWESTERN RY. CO.:

Charles W. Tomlinson.....Division Freight Agent.....510 Traction Building.
Charles E. Fish.....Local Freight Agent.....Second and Smith sts.

CHESAPEAKE & OHIO R. R. CO.:

Thornton Lewis.....Gen'l Western Freight Agt....Ingalls Building.
James T. Earle.....Local Freight Agent.....525 W. Fourth st.

CINCINNATI, HAMILTON & DAYTON RY.:

A. H. McLeod.....General Agt. Freight Dept....Carew Building.
Albert D. McLeod.....Ass't General Freight Agent..Carew Building.
H. E. Du Bois.....Division Freight Agent.....S. E. cor. 5th & Walnut sts.
Edwin C. Skinner.....Local Freight Agent.....Sixth and Baymiller sts.
Paul C. Benedict.....Passenger Agent.....S. E. cor. 5th & Walnut sts.

CINCINNATI, NEW ORLEANS & TEXAS PACIFIC RY.:

William J. Murphy.....Vice-President.....Ingalls Building.
George P. Biles.....General Freight Agent.....Ingalls Building.
William C. Rinearson.....General Passenger Agent.....Ingalls Building.
J. M. Arnold.....Local Freight Agent.....Front and Vine sts.
J. B. Clancey.....Commercial Agent.....N. W. cor. 4th & Vine sts.

CLEVELAND, CINCINNATI, CHICAGO & ST. LOUIS RY. CO.:

M. E. Ingalls.....Chairman of the Board.....Big Four Office Building.
Charles J. Brister.....General Freight Agent.....Big Four Office Building.
George Metzger.....Division Freight Agent.....Big Four Office Building.
John T. Creahan.....Local Freight Agent.....Pearl st. and Central ave.
Charles Krotzenberger.....Gen'l Agent Passenger Dept...36 Ingalls Building.
N. R. Johnson.....General Agent.....37 Ingalls Building.
Charles F. Adams.....Contracting Agent.....37 Ingalls Building.
John D. Lindsay.....Agt. Big Four Grain Elev....Harriet st. & Big Four Ry.

LITTLE MIAMI R. R. CO.:

H. C. Urner.....Secretary and Treasurer.....Fosdick Bldg., 41 E. 4th st.

LOUISVILLE & NASHVILLE R. R. CO.:

Brent Arnold.....Division Freight Agt. & Sup't..501 Cham. of Com. Bldg.
W. W. Alexander.....Local Freight Agent.....Front and Butler sts.
E. C. Arnold.....Contracting Freight Agent....S. E. cor. 4th & Vine sts.
John A. Hosty.....Soliciting Agent.....S. E. cor. 4th & Vine sts.

PITTSBURGH, CINCINNATI, CHICAGO & ST. LOUIS RY.:

S. C. Matthews.....Division Freight Agent.....901 Union Trust Building.
John W. Welply.....Contracting Agent.....42 E. Fourth st.
A. L. Robinett.....Local Freight Agent.....Front and Butler sts.
Atlanta & West Point R. R. Co.....George B. Tyler, Com'l Agent.1232 Union Trust Bldg.
Atlantic Coast Line R. R. Co.....S. H. Dare, Gen'l West. Frt. Agt.507 Union Trust Building.
Canadian Pacific Dispatch.....Burton R. White, Agent.....23 Carew Building.
Central of Georgia R. R.....George T. Solar, Com'l Agent.531 Union Trust Building.
Cincinnati Car Service Ass'n.....O. G. Fetter, Manager.....11 Carew Building.
Cin., Lebanon & Northern Ry. Co..Clay Rockwell, Gen. Freight & Pass. Agt. .Court. nr. Broadway.
Chicago, Cinti & Louisville R. R. Co. Justin J. Johnson, Com'l Agent.3 East Fourth st.
Chic., Indianapolis & Louisville Ry. Geo. S. Brecount, Com'l Agt...S. E. cor. 5th & Walnut sts.
Continental Line..... } Thos. H. Noonan, Gen'l Mgr. .902 First Nat'l Bank Bldg.
Central States Despatch } Chas. W. Tomlinson, Gen'l Agt.510 Traction Building.
Cumberland Gap Dispatch.....Henry F. Vinette, Soliciting Agt. S. E. cor. 4th & Vine sts.
Detroit, Toledo & Ironton R. R.....Eugene Zimmerman, Pres't...Toledo, Ohio.
Empire Line.....Wm. F. Burbank, Agent.....Ingalls Bldg.
Erie Railroad Co.....Chas. P. Morse, Gen'l Agent..304 Mercantile Lib. Bldg.
Georgia Railroad.....A. R. Morgan, Com'l Agent...629 Union Trust Building.
Georgia Southern & Florida Rwy....Geo. H. Wilcox, Com'l Agent..1407 Traction Building.
Illinois Central R. R.....P. W. Connor, Com'l Agent...423 Vine st.
Kanawha Dispatch.....Thornton Lewis, Manager....Ingalls Building.
Kanawha Dispatch.....Orville N. Seely Agent.....810 Traction Building.
New York Central Lines.....Chas. H. King, Com'l Agent...N. E. cor. 4th & Vine sts.
Norfolk & Western Railway.....L. V. Finkle, Gen'l Agent....45 E. Fourth st.
Seaboard Air Line R. R.....E. R. Vazeille, Com'l Agent...604 Mercantile Lib. Bldg.
Southern Railway.....Ralph H. Morris, Com'l Agent..1406 Traction Building.
Star Union Line.....Robert B. Bowman, Agent....42 E. Fourth st.
Star Union Line.....A. S. Matchette, Sol'g Agent...42 E. Fourth st.

REAL ESTATE-AUCTIONEERS-LOANS.

W. T. Buckner..	221 E. Fourth st.
Wm. H. Davis.....	19 Fosdick Bldg. 41 E. 4th st.
W. V. Ebersole & Co.....	240 E. Fourth st.
A. G. Erkenbrecher.....	1315 Union Trust Bldg.
Ezekiel & Bernheim.....	334 Main st.
E. W. Murphey.....	Agent, Groesbeck Estate.....407 Johnston Building.
Frederick A. Schmidt.....	114 E. Fourth st.
John Sullivan.....	N. E. cor. Fifth & Main sts.
James B. Wallace.....	63 Mitchell Building.
James O. Woodward.....	39 Wiggins Block.

RIVER TRANSPORTATION.

John Barrett & Son.....	Towboating.....513 Cham. of Com. Bldg.
Campbell's Creek Coal Co.....	Towboating and Freighting...311 Mercantile Lib. Bldg.
Collins & Hartweg Co.....	Towboating.....511 Cham. of Com. Bldg.
Thomas J. Hall.....	Towboating.....Foot of Lawrence st.
Huntington & St. Louis Towboat Co...	Chas. J. Menges, Supt.....Front and Lawrence sts.
Lee Line—Memphis Steamers.....	J. F. Ellison, Supt & Gen'l Mgr. 204 E. Front st.
Louisville & Cincinnati Packet Co....	F. A. Laidley, Gen'l Mgr.....Foot of Main st.
Pittsburgh & Cincinnati Packet Co. {	J. F. Ellison, Sup't.....204 E. Front st.
	E. R. Mauck, Gen'l Agent.....204 E. Front st.
Coney Island Wharfboat Co.....	L. H. Brooks, Pres't.....Foot of Broadway.
	J. F. Ellison, Sec'y and Treas..Foot of Broadway.

ROOFING-ROOFING MATERIALS.

Breese Bros. Co.....	210 W. Second st.
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SAFES AND VAULTS-TIME LOCKS.

Hall's Safe Co.....	3253-3269 Spring Grove ave.
Herring-Hall-Marvin Safe Co.....	Hamilton, O.
Mosler Safe Co.....	8 W. Third st.
Victor Safe and Lock Co.....	Ninth and Broadway.
Consolidated Time Lock Co.....	Time Locks.....315 & 317 W. Fourth st.

SALT.

J. H. Dunholter & Co.....	55 Walnut st.
P. L. Clifton.....	Pomeroy, O.

SCALES.

Cincinnati Scale Mfg. Co.....	212 Walnut st.
Fairbanks, Morse & Co.....	137 W. Fourth st.

SEEDS.

J. M. McCullough's Sons Co.....	316 Walnut st.
J. Charles McCullough.....	N. E. cor. 2d & Walnut sts.
Patterson & Evans.....	52 Vine st.

SOAPS.

Globe Soap Co.....	United Bank Building.
Procter & Gamble Co. (Ivorydale, O.).....	S. E. c. 4th & Main sts. Cin.
Ryan Soap Co.....	2641 Spring Grove ave.
M. Werk Co.....	411 Poplar st.

SORGHUM.

D. Hoppe & Co.....	31 Walnut st.
Patterson & Evans.....	52 Vine st.

STATIONERS-LITHOGRAPHERS-PUBLISHERS.

W. B. Carpenter Co.....	422-428 Main st.
Henderson Lithographing Co.....	418-422 Sycamore st.
Jones Bros. Publishing Co.....	111-117 Longworth st.
Macbrair Lithographing Co.....	S. E. c. 5th & Sycamore sts.
Murray Publishing Co.....	124 Government Place.
Pounsford Stationery Co.....	131-135 E. Fourth st.
Strobridge Lithographing Co.....	108-118 W. Canal st.
United States Printing Co.....	Fifth and Lock sts.
Williams Directory Co.....	208 Longworth st.

STREET SPRINKLING.

Eggers & Sons Co.....(Also Livery Stable).....953-957 Curtis st.

TRANSFERRING-HAULING-EXPRESSING.

Cincinnati Transfer Co.....57-58 Mitchell Building.
 Cincinnati R. R. Omnibus Co.....19 Opera Place.
 Cincinnati and Suburban Delivery Co.....507 Walnut st.
 Henry Janszen117 E. Second st.
 George ReichelFoot of Mill st.
 J. Van Hart & Sons.....(Also dealers in Tanbark).....Elm and Water sts.

WHITE LEAD.

Eagle White Lead Co.....Manufacturers1020-1030 Broadway.
 National Lead Co.....ManufacturersS.W. c. 7th & Freeman ave.

PUBLIC OFFICIALS, PUBLIC COMPANIES, ETC.

REPRESENTED IN THE MEMBERSHIP OF THE CHAMBER OF COMMERCE.

PUBLIC COMPANIES.

CINCINNATI GAS AND ELECTRIC CO.:

Charles P. Taft.....President.....S.W. cor. 4th & Plum sts.

CINCINNATI STREET RAILWAY CO.:

John Kilgour.....President.....Telephone Building.
James A. Collins.....Secretary and Treasurer.....Telephone Building.

CINCINNATI TRACTION CO.:

W. Kesley Schoepf.....President & General Manager.Traction Building.
J. B. Foraker, Jr.....Vice-President.....Traction Building.
Walter A. Draper.....Secretary.....Traction Building.

CINCINNATI ZOOLOGICAL CO.:

Edward Goepper.....President.....Head of Vine st.
J. B. Foraker, Jr.....Vice-President.....Head of Vine st.
Walter A. Draper.....Secretary and Treasurer.....Head of Vine st.

CINCINNATI AND SUBURBAN BELL TELEPHONE CO.:

John Kilgour.....President.....Telephone Building.
B. L. Kilgour.....General Manager.....Telephone Building.

COVINGTON AND CINCINNATI BRIDGE CO.:

Bradford Shinkle.....President.....Covington, Ky.
J. A. Johnson.....Assistant Secretary.....Covington, Ky.

INTERURBAN RAILWAY AND TERMINAL CO.:

John M. Kennedy.....Treasurer.....415-419 Sycamore st.

UNION GAS & ELECTRIC CO.:

Norman G. Kenan.....President.....S. W. c. Fourth & Plum sts.

POSTAL TELEGRAPH CABLE CO.:

C. E. Sawtelle.....Manager.....23 Fountain Square.

WESTERN UNION TELEGRAPH CO.:

Robert C. Bliss.....Manager.....N. E. cor. 4th & Vine sts

CITY OFFICIALS.

Paul M. Millikin—Chief of Police.....City Hall, 8th and Plum.
Maurice J. Freiberg—Commissioner of New Waterworks.....City Hall, 8th and Plum.
William B. Melish—Commissioner of New Waterworks.....City Hall, 8th and Plum.
C. M. Holloway—Commissioner of New Waterworks.....City Hall, 8th and Plum.
Leopold Markbreit—Commissioner of New Waterworks.....City Hall, 8th and Plum.
Abe Furst—Member Board of Public Safety.....City Hall, 8th and Plum.
John A. Archibald—Fire Marshal.....Sixth st., near Vine.
Chas. P. Taft—Trustee of the Sinking Fund.....City Hall, 8th and Plum.
C. H. Kellogg—Trustee of the Sinking Fund.....City Hall, 8th and Plum.
Geo. W. Harris—Trustee of the Sinking Fund.....City Hall, 8th and Plum.
Levi C. Goodale—Trustee Cincinnati Southern Railway.....Ingalls Building.
Thomas Morrison—Trustee Cincinnati Southern Railway.....Ingalls Building.

COUNTY OFFICIALS.

C. C. Richardson.....County Auditor.....Court House, Main st.

COMMERCIAL ORGANIZATIONS.—LOCAL.**BUSINESS MEN'S CLUB:**

E. E. Shipley.....President.....Chamber of Com. Bldg.

BUSINESS MEN'S BENEVOLENT ADVISORY ASSOCIATION:

Secretary's Office.....304 Broadway.

CINCINNATI ASSOCIATED ORGANIZATIONS:

Secretary's Office... ..1250-1256 Harrison ave.

CINCINNATI BOARD OF TRADE COMPANY:

Secretary's Office421 Union Trust Building.

CINCINNATI INDUSTRIAL BUREAU:

W. L. Finch.....Secretary501 Union Trust Building.

CINCINNATI LEAGUE:

Secretary's Office.....421 Union Trust Building.

COMMERCIAL CLUB:

Edward Goepfer.....PresidentOffice—Queen City Club.

MANUFACTURERS CLUB:

Secretary's Office421 Union Trust Building

MERCHANTS AND MANUFACTURERS ASSOCIATION:

Stewart Shillito.....President103 Neave Building.

OHIO VALLEY IMPROVEMENT ASSOCIATION:

John L. Vance.President254 E. Broad st., Columbus, O.

J. F. EllisonSecretary.....204 E. Front st.

RECEIVERS AND SHIPPERS ASSOCIATION:

E. E. Williamson.....Commissioner.....1216 Union Trust Bldg.

MEMORIAL REPORTS.

The following reports of Committees of the Cincinnati Chamber of Commerce appointed to prepare memorial papers on the death of members, were adopted by the Association, and are printed by order of the Board of Directors:

THOMAS J. EMERY. DIED JANUARY 15, 1906.

Thomas J. Emery, a member of this body, was born in Newport, Wales, on the 16th day of December, 1830, and died in Cairo, Egypt, on the 15th day of January, 1906, in the seventy-sixth year of his age. His remains, having been brought to this city, lie buried in Spring Grove Cemetery.

When about a year old, his father and mother, Thomas and Keziah Emery, who were of English birth and parentage, removed to Cincinnati, from which time this city continued to be the family home. He attended the old Woodward College until he was about sixteen years of age, when he left school to begin his business career in his father's office. He was a man of extraordinary mental vigor and energy, bold in his undertakings, and possessed of Spartan courage. The rule of his life was industry and economy, and the success which attended his efforts is a justification of his belief in their practice when coupled with integrity. He had no superior in this city as a merchant or financier, and no citizen ever contributed more to the material prosperity of this city than did Thomas J. Emery. His friendship for his employes was characteristic, and his sympathy for the helpless, the infirm and the aged, was unbounded. He traveled extensively for fifty years, and had visited every country on the face of the globe; he was a close reader and a careful observer; his travels were so extensive that he looked upon all men as brothers, and entitled to equal rights; his broad views can be no better exemplified than by the inscription upon the tablet on the Children's Hospital, placed there at his direction, that no patient should be excluded on account of "creed, color or country." His charities were numerous, extensive and unostentatious; he had but one rule to govern him in their distribution, and that was the worth of the institution, and the practical results accomplished; and objects of charity once found to be worthy and established upon a practical basis, were the recipients of continual donations. He was a man of such fine instincts that an oath or indelicate remark was never known to escape his lips.

While some years ago, Mr. Emery, because of his rapidly developing real estate interests in that city, became a citizen of San Francisco, California, and later moved to Middletown, Rhode Island, the place of his residence at the time of his death, yet he continued to maintain his house here, and made frequent and prolonged visits here to care for his vast interests in this city. He leaves only his widow, Mary M. Emery, surviving him, his two sons having died in early manhood.

Now that he has gone to claim the reward of an active, well-spent and useful life, the undersigned Committee of the Cincinnati Chamber of Commerce and Merchants' Exchange, on behalf of its membership, offer the above as a memorial to his worth, and order that it be spread on the minutes of this body, and a copy sent to his widow with assurances of deep sympathy in her bereavement.

DRAUSIN WULSIN,	} Committee.
JAMES M. GLENN,	
JNO. E. STONE,	
EDWARD RAWSON,	
J. B. WALLACE,	

WILLIAM T. PERKINS. DIED APRIL 24, 1906.

When, at the dawn of day on April 24, 1906, the finger of God touched William T. Perkins, and he slept the sleep of death, the Cincinnati Chamber of Commerce lost one of its most honored and valuable members. Born in Xenia, Ohio, on December 8, 1834, he lived a busy, useful, upright life of seventy-one years, the most of it being spent in Cincinnati.

Few men have had a more varied and distinguished career in our city than William Thomas Perkins. He obtained his education at Xenia Academy and in the public and high schools of Cincinnati. He early acquired a taste for reading which took a wide range. The higher grades of literature, poetry, history and books of travel were his special delight. His business life began as an errand boy in a dry goods store on Sixth street at one dollar a week wages. Next he became a clerk in a white lead factory, and later a clerk in the banking house of Groesbeck & Company. In 1862 he began the banking business for himself on Third street. Two years later he went to Knoxville, Tennessee, and started the First National Bank of that city. Later he returned to Cincinnati and became cashier of the Central National Bank. Abandoning the banking business, he went South and became a cotton planter. His next venture was as a Cincinnati newspaper man, connecting himself with the *Times-Chronicle*, the fore-runner of the *Cincinnati Times-Star*. He was a local writer, editor and Washington correspondent. When W. E. Davis went into the United States Sub-treasury, Mr. Perkins became his assistant, and remained in the office some time under A. W. Stem. This position he left to go into business with John J. Perkins & Co. On January 1, 1891, he became a member of the firm. Mr. Perkins was also connected with the Southern Ohio Loan & Trust Company, and the American District Telegraph Company, serving as President for some years of each corporation.

Mr. Perkins was always a Republican, and was Secretary of the first Young Men's Republican Club of Cincinnati. He was for years the Treasurer of the Young Men's Mutual Life Association, and was President of the Merchants and Manufacturers Association. Mr. Perkins was appointed a Trustee of the Cincinnati Fire Department in 1893, serving for eight years with great fidelity of purpose. In 1902 he was appointed City Auditor, and in 1903 was elected to the same office, which he filled with rare intelligence and honesty until the day of his death.

Many were his opportunities during the seventy-one years of his busy life, and firm and quick was his grasp upon them, always reaching out with impulse to a noble end. He could never confess himself baffled in life's race, but with hope and aspiration still pursued through storm and night, his upward path, until the light of God's sun struck full upon his face. He was richly endowed with all the attributes of a noble and honorable manhood. He was in all respects a most worthy and estimable citizen, who lived up to all his obligations to his neighbor, his city, his state and his country. Honor, integrity and duty were to him living principles, and he faithfully applied them to the daily routine of his life. Of him it may be truthfully said that the world is better for his having lived in it. Such men, when they depart, leave behind them a bright example for their fellows. The cordial grasp of his hand, the loving glance of his eye, the endearing tones of his voice, which always accompanied his kindly greeting, are lost to us forever.

We ask that this memorial be recorded upon the minutes of the Cincinnati Chamber of Commerce, and that a copy be sent to the family of William T. Perkins, with assurances of the profound sympathy for them which is felt by each member of our Association.

WILLIAM B. MELISH,	} Committee.
JAMES M. GLENN,	
SAMUEL BAILEY, JR.,	
J. M. SEARS,	
LEVI C. GOODALE,	
WILLIAM N. HOBART,	

JOHN M. PATTISON. DIED JUNE 18, 1906.

John M. Pattison was born in New Boston, Clermont County, Ohio, June 13, 1847, and died at his home at Milford, Clermont County, Ohio, June 18, 1906.

The career of John M. Pattison was one full of activities, in participation in movements and projects which the conditions of the times invited. When only fourteen years of age he enlisted in the State Guard, and at the age of seventeen went to the front in the Civil War, after which he pursued an educational course, incident to which he entered upon preparation for legal practice, and was admitted to the Bar in 1872. In 1873 he was elected a member of the State Legislature, and subsequently served a term as State Senator. Other political positions held by him included membership in the Board of Public Safety and as Member of Congress.

Soon after his educational and law course Mr. Pattison became interested in life insurance, and an active factor in a local institution, in which he was chosen Vice-President, and later as President. His application to the interests in which he thus became prominently identified, and his resources for directing and guiding affairs, secured results which in time represented the most important home institution of a financial nature in the State. The qualities which Mr. Pattison had thus demonstrated, in the successful management of great affairs, naturally found high recognition in the community and the State, and this led to his being brought into candidacy for the office of Governor. Being thus called into the political field, he entered upon the work of securing a result in the issue which should fulfill the hopes of his friends. His personality, impelled by great earnestness, enabled him to attain signal success in such contest.

As Governor, Mr. Pattison had high ideals as to measures deemed to be for the good of the State and its citizens, but the ability to carry into this executive office the vigor and the power which had characterized his past career, was disturbed by physical ailments and impairment of health which defied successful treatment, so that in less than six months from the date of inauguration, he was removed by death.

John M. Pattison became a member of the Chamber of Commerce in 1884. He was personally known to a large number of its membership. He commanded fullness of respect for his example, not only as an active and aggressive man in business affairs, but also and particularly for his championship of measures deemed to be for the moral elevation of the community. His honesty of action and of purpose gave him strength and brought him into distinguished recognition. In his home life, in his church relations, in his contact with neighbors and associates, and all with whom he had affiliations and dealings, his career reflected a high type of the moral, the helpful, the influential man.

In connection with preparation of this report for the records of the Chamber of Commerce, it is proper to mention that the family of Governor Pattison have the profound sympathy of the membership of our Association.

B. W. CAMPBELL,	} Committee.
J. B. WALLACE,	
CLIFFORD B. WRIGHT,	
COLLIN FORD,	
A. L. BRAMBLE,	

H. WILSON BROWN. DIED JUNE 22, 1906.

H. Wilson Brown was born in Greenville, Mercer County, Pennsylvania, November 9, 1826, and departed this life June 22, 1906, having almost reached his eightieth birthday. Graduating at Greenville College at the age of twenty-one, with high honors, he came to Cin-

cinnati in 1847, and at once secured employment with the then wellknown firm of Peter Sprigman & Son. His recognized ability and devotion to the concern soon gained him the position of junior partner under the name of Sprigman & Brown.

He was married in October, 1852, to Miss Louise W. Coffin of Madison, Indiana, who died in 1881, and three years after he married Mrs. E. C. Flint, who, with the two sons and daughter of his first wife, survive him.

Fifty years ago he entered the employ of the Pennsylvania Railroad Company, and by whom he was entrusted with the most important services until a few years since, when, on account of the increasing infirmities of age, he was retired on an ample pension. He was one of the most trusted employes, and in the position as Cincinnati Manager of the Star Union Line of that road, he was placed in the closest relations with the officers of the company, and his services were reckoned as of the greatest value, and he was relied upon implicitly.

He was the oldest living member of this Chamber, and was prominently connected with nearly every subject of interest taken up by the Chamber, and appointed on many of its important Committees during his active business life. He was one of the Vice-Presidents of the Chamber from 1869 to 1871, and was President in 1879 and 1880, and on January 1, 1903, he was made a life member.

He was deeply interested in the organization of the Cincinnati Musical Festival Association giving the biennial Festivals, having been a member of the Harmonic Society which existed before it. He was a member of the Festival Board of Directors from 1880 to 1886, and was Vice-President of the organization from 1882 until 1886. He found time to give to all important public enterprises connected with the business history of the city, and was always considered a most valuable counsellor.

He was a most earnest, devoted and consistent member of the Presbyterian Church, and did most valuable work in that body.

The Chamber has lost a member who has done most valuable work; the business community a man who represented all that was honorable, upright and just, and whose views were always respected; his church a member who was a standby and whose character was one to look up to; his friends one whose place can not be supplied; and his family a loving husband and father.

We ask that this memorial be placed in the records of the Chamber, and a copy sent to his family.

JAMES M. GLENN,	} Committee.
WILLIAM N. HOBART,	
W. W. PEABODY,	
C. M. HOLLOWAY,	
SAMUEL BAILEY, JR.,	

CHRISTOPHER SANDHEGER. DIED NOVEMBER 2, 1906.

In the battle of life, success is to the energetic, the brave and the capable. In the arena of American business activities he who succeeds wins the admiration and applause of his fellow-men. But in greater measure is due the tribute of our homage, when he who succeeds uses wisely and well the fruits of his victories.

Christopher Sandheger, the successful merchant, has gone from the scenes of his usefulness, but his many acts of liberality and of charity and of commercial generosity, of the kind which so often helped others to help themselves along the highway of endeavor, will live in the hearts of his legions of friends.

Mr. Sandheger was born in Herzebrock, Westphalia, Germany, in 1833, and came to America when but twenty-one years of age. Always energetic and foreseeing, he was soon

able to leave the employ of others and establish a business of his own. Like the city of his adoption, his business grew apace. Under his wise direction it extended and prospered until at the time of his death, he was one of Cincinnati's foremost German-American citizens and best known merchants. In addition to the extensive wholesale business carried on by him in Court street, Mr. Sandheger was at one time interested in the distilling business with Mr. Caleb Dodsworth, and later, in the Carthage plant now owned and operated by the Union Distilling Company.

With increasing years, Mr. Sandheger parted with these properties, but still held his stock in the Federal Distilling Company of Baltimore. In addition to his extensive distilling and wholesale liquor business, he was an active participator in other local enterprises, and was for many years Treasurer of the Ohio Wine & Spirit Association, and of the Sun Mutual Insurance Company.

His career was a broad and useful one, and his loss to Cincinnati's German community is keenly felt. Personally he was a man of genial and lovable character, and his friendships were many and enduring.

Mr. Sandheger was for thirty years a member of the Cincinnati Chamber of Commerce, and on behalf of this body, in submitting this brief tribute to his high qualities as a man, a citizen, and a merchant, we ask that the same be spread upon the minutes of the Chamber, and that a copy be sent to the family of the deceased.

WILLIAM N. HOBART, JAMES T. McHUGH, GEORGE GERKE, JOSEPH DEBAR, JOHN G. BROXTERMAN,	}	Committee.
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SAMUEL SPENCER. DIED NOVEMBER 30, 1906.

Samuel Spencer was not a member of the Cincinnati Chamber of Commerce, but his life was so related to affairs which concern the members and the interests of this Association, as well as of this community and of our country, with such high degree of influence, that our organization may appropriately take action upon the death of one whose career, in the very height of its distinguished activity and forcefulness, has been terminated in a sudden and shocking manner.

Samuel Spencer, after his course in college, entered service in the surveying work of a Southern railway line, and by his genius and energy advanced rapidly to the position of first assistant engineer of the road. This experience encouraged him to believe there was to be great development of railroad construction. After some years of service as civil engineer he concluded that opportunities in the operating features were preferable to those in the construction department, and his energies were directed accordingly. With the progress of years he was called into high positions incident to railway affairs and management, ultimately becoming the head of the great system known as the Southern Railway, of which he became President in 1894, continuing as such until his death. During the twelve years of this official connection with the Southern Railway, this system, including its subsidiary lines, was extended from 4,000 miles to 10,000 miles of track. What he accomplished in the rehabilitation of this system will stand as a monument to the genius and the actions of this man, whose fame will long survive his career.

Samuel Spencer was a man of unusual and striking characteristics. He had the intelligence, the balance, the energy, the motive, which combine to secure exceptional results. He

was master of details and of small things in the affairs of railway operation, and possessed capacity to grasp and master large problems. His sphere of activity was large, and his work exceedingly varied. He was high authority on industrial and economic questions, as well as one of the ablest and most high minded of railway managers.

He was governed by sentiments of honesty and of straight-forward procedure, with a bearing toward associates and toward everyone which reflected the considerate and the genial characteristics which drew all toward him, in fullness of personal liking and of respect. To say that he was one of the most useful of the men of his time in promoting the welfare of our country, is not too much to say of him.

In his field of service as a railway manager, he recognized the mutuality of interests between the shipper and the carrier, and took the public into his confidence. As a result of the methods he pursued and the characteristics he displayed, he became recognized as one of the most distinguished and honorable of the great railway managers of our country. There is no way to measure the loss of such a man, and no better monument to perpetuate his fame for the great work he performed than the very work itself in its permanent and lasting form. This community has had occasion to know full well his personal influence in being the President of the Company operating the Cincinnati Southern Railway, belonging to the city of Cincinnati, and in this way he has been known among our people as always ready to consider the local situation and the welfare of our citizens in a manner distinguished for fairness.

These expressions are offered on behalf of the membership of the Cincinnati Chamber of Commerce, and for placing upon the records of the Association.

MICHAEL RYAN,	} Committee.
BRENT ARNOLD,	
J. T. MCHUGH,	
THOS. P. EGAN,	
CASPER H. ROWE,	

CALENDARS FOR FOUR YEARS.

1905	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1905	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1906	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1906	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.
Jan.	1	2	3	4	5	6	7	July	1	2	3	4	5	6	7	Jan.	1	2	3	4	5	6	7	July	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31
Feb.	1	2	3	4	5	6	7	Aug.	1	2	3	4	5	6	7	Feb.	1	2	3	4	5	6	7	Aug.	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31
Mar.	1	2	3	4	5	6	7	Sept.	1	2	3	4	5	6	7	Mar.	1	2	3	4	5	6	7	Sept.	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31
April	1	2	3	4	5	6	7	Oct.	1	2	3	4	5	6	7	April	1	2	3	4	5	6	7	Oct.	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31
May	1	2	3	4	5	6	7	Nov.	1	2	3	4	5	6	7	May	1	2	3	4	5	6	7	Nov.	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31
June	1	2	3	4	5	6	7	Dec.	1	2	3	4	5	6	7	June	1	2	3	4	5	6	7	Dec.	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31

1907	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1907	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1908	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1908	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.
Jan.	1	2	3	4	5	6	7	July	1	2	3	4	5	6	7	Jan.	1	2	3	4	5	6	7	July	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31
Feb.	1	2	3	4	5	6	7	Aug.	1	2	3	4	5	6	7	Feb.	1	2	3	4	5	6	7	Aug.	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31
Mar.	1	2	3	4	5	6	7	Sept.	1	2	3	4	5	6	7	Mar.	1	2	3	4	5	6	7	Sept.	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31
April	1	2	3	4	5	6	7	Oct.	1	2	3	4	5	6	7	April	1	2	3	4	5	6	7	Oct.	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31
May	1	2	3	4	5	6	7	Nov.	1	2	3	4	5	6	7	May	1	2	3	4	5	6	7	Nov.	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31
June	1	2	3	4	5	6	7	Dec.	1	2	3	4	5	6	7	June	1	2	3	4	5	6	7	Dec.	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31

1908	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1908	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1908	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.	1908	Sund.	Mon.	Tues.	Wed.	Thur.	Frid.	Satur.
Jan.	1	2	3	4	5	6	7	July	1	2	3	4	5	6	7	Jan.	1	2	3	4	5	6	7	July	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31	24	25	26	27	28	29	30	31
Feb.	1	2	3	4	5	6	7	Aug.	1	2	3	4	5	6	7	Feb.	1	2	3	4	5	6	7	Aug.	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13	14	15	8	9	10	11	12	13		

